

Works Approval Application  
Supporting Information document  
Golden Cities-Mulgarrie Mine Areas



**TO:** Department of Water and Environmental Regulation

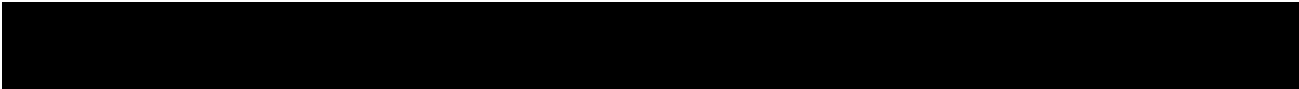
**SUBJECT:** Golden Cities-Mulgarrie Category 5, Category 61A, Category 63 and Category 89 Works Approval Application Supporting Information document associated with the addition of a mobile crushing and screening plant with ore sorter, a paste plant, an inert landfill and a putrescible landfill.

**DATE:** 5 May 2026

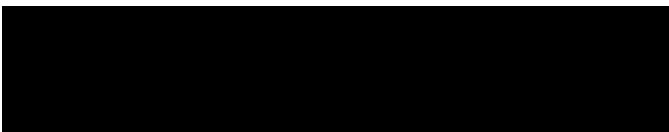
To whom it may concern

Norton Gold Fields owns and operates the Golden Cities-Mulgarrie operation located approximately 36 km north of Kalgoorlie, WA, and is hereby submitting this Works Approval application for new activities under Category 5, Category 61A, Category 63 and Category 89. The proposed activities include installing a mobile crushing and screening plant with an ore sorter attachment under Category 5, constructing a paste plant under Category 61A, constructing an inert landfill under Category 63, and a putrescible landfill under Category 89.

We trust the provided information is sufficient to enable assessment.



Kind regards,

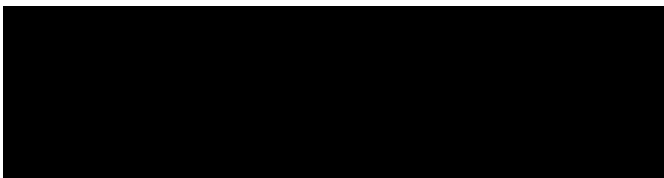


Norton Gold Fields

**Paddington Gold Pty Limited**

**Norton Gold Fields Pty Ltd**

**Golden Cities-Mulgarrie – Works Approval  
Application Cat 5, Cat 61A, Cat 63 and Cat 89  
Supporting Information package – Mobile crushing  
and screening plant with ore sorter attachment,  
paste plant, inert landfill and putrescible landfill.**



Level 1, Viskovich House 377 Hannan Street  
Kalgoorlie, WA, 6430





**Part 1: Application type**

**INSTRUCTIONS:**

- Completion of this form is a statutory requirement under s.54(1)(a) of the *Environmental Protection Act 1986 (WA) (EP Act)* for works approval applications; s.57(1)(a) for licence and licence renewal applications; s.59B(1)(a) for applications for an amendment; and under r.5B(2)(a) of the *Environmental Protection Regulations 1987 (WA) (EP Regulations)* for applications for registration of premises.
- The instructions set out in this application form are general in nature.
- A reference to 'you' in these instructions is a reference to the applicant.
- The information provided to you by the Department of Water and Environmental Regulation (DWER) in relation to making applications does not constitute legal advice. DWER recommends that you obtain independent legal advice.
- Applicants seeking further information relating to requirements under the EP Act and/or EP Regulations are directed to the Parliamentary Counsel's Office website ([www.legislation.wa.gov.au](http://www.legislation.wa.gov.au)). Schedule 1 of the EP Regulations contains the categories of prescribed premises.
- For prescribed premises where activities fall within more than one category, ALL applicable categories must be identified. This applies to existing prescribed premises seeking renewal or amendment, as well as new prescribed premises.
- The application form must be completed with all relevant information attached. Attachments can be combined and submitted as one or more consolidated documents if desired, provided it is clear which section of the application form the information/attachments relate to. Where attachments are submitted separately, avoid duplicating information. Ensure that any cross-references between the application form and the supporting document(s) are accurate.
- If an application form has been submitted that is incomplete or materially incorrect, the Chief Executive Officer of DWER (CEO) will decline to deal with the application and advise the applicant accordingly.
- On completing this application form, please submit it to DWER in line with the instructions in Part 15 of the form.

1.1 **This is an application for:**  
*[Select one option only. Your application may be returned if multiple options are selected.]*

under Part V, Division 3 of the EP Act.

Please see the:

- [Guideline: Industry Regulation Guide to Licensing](#)
- [Procedure: Prescribed premises works approvals and licences](#)

for more information to assist in understanding DWER's regulatory regime for prescribed premises.

- Works approval
- Licence  
Existing registration number(s): [       ]  
Existing works approval number(s): [       ]
- Renewal  
Existing licence number: [       ]
- Amendment  
Number of the existing Licence to be amended:
- Registration (works approval already obtained)  
Existing works approval number(s): [       ]

1.2 **For a works approval amendment or licence amendment, are there fewer than 90 business days until the expiry of the existing works approval or Licence?**

Only active instruments can be amended. Applications to amend a works approval or Licence must be made 90 business days or more prior to the existing works approval or Licence expiring to ensure there is adequate time to assess the amendment.

**Yes**

1.3 **This application is for the following categories of prescribed premises:**  
*(specify all prescribed premises category numbers)*

- Category 5 – Processing and Beneficiation (Crushing, Screening, Ore Sorting)
- Category 61A – Solid waste facility (Paste Plant)
- Category 63 – Inert landfill
- Category 89 – Putrescible landfill

All activities that meet the definition of a prescribed premises as set out in Schedule 1 of the EP Regulations have been specified above (tick, if yes).

**Completion Matrix**

The matrix below explains what sections are required to be completed for different types of applications.

Application form section	New application / registration	Renewal	Amendment
Part 1: Application type	•	•	•
Part 2: Applicant details	•	•	•
Part 3: Premises details	•	•	△
Part 4: Proposed activities	•	•	•
Part 5: Index of Biodiversity Surveys for Assessment and Index of Marine Surveys for Assessment	If required.	If required.	If required.
Part 6: Other DWER approvals	•	•	•
Part 7: Other approvals and consultation	•	•	•
Part 8: Applicant history	•	•	△
Part 9: Emissions, discharges, and waste	•	•	△
Part 10: Siting and location	•	•	△
Part 11: Submission of any other relevant information	•	•	If required.
Part 12: Category checklist(s)	•	•	•
Part 13: Proposed fee calculation	•	•	•
Part 14: Commercially sensitive or confidential information	•	•	•
Part 15: Submission of application	•	•	•
Part 16: Declaration and signature	•	•	•
Attachment 1A: Proof of occupier status	•	•	N/A
Attachment 1B: ASIC company extract	•	•	N/A
Attachment 1C: Authorisation to act as a representative of the occupier	•	•	•
Attachment 2: Premises map/s	•	•	△
Attachment 3A: Environmental commissioning plan	If required.	N/A	If required
Attachment 3B: Proposed activities	•	•	△
Attachment 3C: Map of area proposed to be cleared (only applicable if clearing is proposed)	•	•	•
Attachment 3D: Additional information for clearing assessment	If required.	If required.	If required.
Attachment 4: Marine surveys (only applicable if marine surveys are included in the application)	•	•	•
Attachment 5: Other approvals and consultation documentation	•	•	△
Attachment 6A: Emissions and discharges	If required.	If required.	If required.
Attachment 6B: Waste acceptance	If required.	If required.	If required.
Attachment 7: Siting and location	•	•	△
Attachment 8: Additional information submitted	If required.	If required.	If required.
Attachment 9: Category-specific checklist(s)	•	If required.	If required.
Attachment 10: Proposed fee calculation	•	•	•
Attachment 11: Request for exemption from publication	If required.	If required.	If required.

**Key:**

• Must be completed/submitted.

△ To the extent changed / required in relation to the amendment.

N/A Not required with application, but may be requested subsequently depending on DWER records.

"If required" Sections for applicants to determine.

Part 2: Applicant details						
<p><b>INSTRUCTIONS:</b></p> <ul style="list-style-type: none"> <li>The applicant (the occupier of the premises) must be an individual(s), a company, a body corporate, or a public authority, but not a partnership, trust, or joint-venture name. Applications made by or on behalf of business names or unincorporated associations will not be accepted.</li> <li>If applying as an individual, your full legal name must be provided.</li> <li>If applying as a company, body corporate, or public authority, the full legal entity name must be inserted.</li> <li>Australian Company Numbers (ACN) must be provided for all companies or body corporates.</li> <li>DWER prefers to send all correspondence electronically via email. We request that you consent to receiving all correspondence relating to instruments and notices under Part V of the EP Act (Part V documents) electronically via email, by indicating your consent in Section 2.3.</li> <li>Companies or body corporates making an application must nominate an authorised representative from within their organisation. Proof of authorisation must be submitted with the application (see Section 2.10). If you are applying as an individual, you are the representative.</li> <li>Details of a contact person must be provided for DWER enquiries in relation to your application. This contact person can be a consultant if authorised to represent the applicant. Written evidence of this authorisation must be provided.</li> <li>Details of the occupier of the premises must be provided. One of the options must be selected, and if you have been asked to specify, please provide details. For example, if 'lease holder' has been selected, please specify the type of lease (for example, pastoral lease, mining lease, or general lease) and provide a copy of the lease document(s). Note that contracts for the sale of land will not be sufficient evidence of occupancy status.</li> </ul>						
2.1	<p><b>Applicant name/s (full legal name/s):</b> The proposed holder of the works approval, Licence or registration.</p>	Norton Gold Fields Pty Ltd				
	<b>ACN (if applicable):</b>	008 585 886				
2.2	<b>Trading as (if applicable):</b>					
2.3	<p><b>Authorised representative details:</b> The person authorised to receive correspondence and Part V documents on behalf of the applicant under the EP Act. Where 'yes' is selected, all correspondence will be sent to you via email, to the email address provided in this section. Where 'no' has been selected, Part V documents will be posted to you in hard copy to the postal / business address specified in Section 2.4, below. Other general correspondence may still be sent to you via email.</p>	[REDACTED]				
	<p><i>I consent to all written correspondence between myself (the applicant) and DWER, regarding the subject of this application, being exclusively via email, using the email address I have provided above.</i></p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="padding: 5px;">Yes</th> <th style="padding: 5px;">No</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;"><input checked="" type="checkbox"/></td> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> </tr> </tbody> </table>	Yes	No	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Yes	No					
<input checked="" type="checkbox"/>	<input type="checkbox"/>					
2.4	<p><b>Registered office address, as registered with the Australian Securities and Investments Commission (ASIC):</b> This must be a physical address to which a Part V document may be delivered.</p>	[REDACTED]				
2.5	<p><b>Postal address for all other correspondence:</b> If different from Section 2.4.</p>	[REDACTED]				

Part 2: Applicant details				
2.6	<b>Contact person details for DWER enquiries relating to the application (if different from the authorised representative):</b> For example, it could be a consultant or a site-based employee.			
2.7	<b>Occupier status:</b> Occupier is defined in s.3 of the EP Act and includes a person in occupation or control of the premises, or occupying a different part of the premises, whether or not that person is the owner.  Note: if a lease holder, the applicant must be the holder of an executed lease, not just an agreement to lease.	Registered proprietor on the certificate of title. <input type="checkbox"/>		
		Lease holder (please specify, including date of expiry of lease). <input checked="" type="checkbox"/>		
		<a href="#">Please refer to the attached Supporting Information document, Appendix 1A – Proof of Occupier status.</a>		
		A public authority that has care, control, or management of the land. <input type="checkbox"/>		
		Other evidence of legal occupation or control (please specify – for example, joint venture operating entity, contract, letter of operational control, or other legal document or evidence of legal occupation). <input type="checkbox"/>		
<b>Attachments</b>			<b>N/A</b>	<b>Yes</b>
2.8	<b>Attachment 1A: Proof of occupier status</b>	Copies of the certificate of title, lease, or other instruments evidencing proof of occupier status, including the expiry date or confirmation that there is no expiry date, have been provided and labelled as Attachment 1A.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.9	<b>Attachment 1B: ASIC company extract</b>	A current company information extract (not the company information summary) purchased from the ASIC website(s) for all new applications/registrations has been provided and labelled as Attachment 1B.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.10	<b>Attachment 1C: Authorisation to act as representative of the occupier</b>	A copy of the documentation authorising the applicant to act on the occupier's behalf as their authorised agent/representative has been provided and labelled as Attachment 1C.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 3: Premises details			
3.1	<b>Premises description (whole or part to be specified):</b> Include the land description (volume and folio number, lot, or location number/s); Crown lease or reserve number; pastoral lease number; or mining tenement number (as appropriate), of all properties, as shown on title details registered with Landgate.	Golden Cities  The prescribed premises licence covers tenements L24/228, L24/231, M24/188, M24/251, M24/425, M24/557, M24/564, M24/565, M24/616 and M27/185.  This works approval is associated with Cat.5, Cat 63 and Cat.89 activities on M27/38, M27/149, M27/178, M27/437 and M27/185. Additionally, this application is associated with Cat. 61A activity on M24/616.	
	<b>Premises street address</b> Include the suburb.	N/A	
	<b>Premises name (if applicable):</b>	Golden Cities.	
3.2	<b>Local Government Authority area:</b> City, Town, or Shire.	City of Kalgoorlie-Boulder.	
3.3	<b>GPS (latitude and longitude) coordinates:</b> GPS coordinates determined using the GDA 2020 (Geographic latitude/longitude) coordinate system and datum must be provided for all points around the proposed premises boundary, where the entirety of the cadastral (land parcel) or mining tenements is not used as the premises boundary.	Refer to Tables 2, 3 and 4 in the supporting information document for GPS points (Attachment 3B).	
Attachments		N/A	Yes
3.4	<b>Attachment 2: Premises map(s)</b> You must provide as an attachment to this application form, labelled Attachment 2, either: <ol style="list-style-type: none"> <li>1. an aerial photograph, map, and site plan of sufficient scale showing the proposed premises boundary</li> <li>or</li> <li>2. where available, a map of the proposed premises boundary and site plan as an ESRI shapefile (accepted file types include .dbf, .shp, .prj, and .shx) with the following properties (provided on a suitable portable digital storage device, if submitting application in hard copy form):                             <ul style="list-style-type: none"> <li>• Geometry type: Polygon Shape</li> <li>• Coordinate system: GDA 2020 (Geographic latitude/longitude)</li> <li>• Datum: GDA 2020 (Geocentric Datum of Australia 2020).</li> </ul> </li> </ol> You must also provide a map or maps of the prescribed premises, clearly identifying and labelling: <ul style="list-style-type: none"> <li>• layout of key infrastructure and buildings, clearly labelled;</li> <li>• the premises boundary (where the premises boundary does not align with the entirety of the cadastral boundary, identify the Lot Number for which the premises are part of);</li> <li>• emission and discharge points (with precise GPS coordinates where available);</li> <li>• monitoring points (with precise GPS coordinates where available);</li> <li>• sensitive receptors and land uses</li> <li>• all areas proposed to be cleared (if applicable).</li> </ul> Maps must contain a north arrow, clearly marking the area in which the activities are carried out. The map or maps must be of reasonable clarity and have a visible scale.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## Part 4: Proposed activities

### INSTRUCTIONS:

- You must provide a description and the scope, size and scale of all prescribed activities of Schedule 1 to the EP Regulations, including the maximum production or design capacity of each prescribed activity.
- If applying for a works approval or licence amendment involving the construction of new infrastructure, you must provide information on the infrastructure to be constructed and how long construction is expected to take. You must confirm if commissioning is to occur and how long it will take.
- If applying for a works approval or licence amendment *not* involving the construction of new infrastructure, provide details of the proposed amendment.
- You must identify all emission sources on the premises map/s.
- You must also provide information on activities which directly relate to the prescribed premises category that have, or are likely to result in, an emission or discharge.
- If clearing activities are proposed, provide a description and details. If a relevant exemption under Schedule 6 of the EP Act or r.5 of the Environmental Protection (Clearing of Native Vegetation) Regulations 2004 (WA) (Clearing Regulations) may apply, provide details.
- Note that in some cases, DWER may require that the clearing components of a works approval or Licence (or amendment) application be submitted separately through the clearing permit application process. Refer to the [Procedure: Prescribed premises works approvals and licences](#) for further guidance.
- Please note that the requested information is critical to DWER's understanding of the proposed activities. The more accurate, specific, and complete the information provided in the application, the less uncertainty that DWER may identify in the application, therefore facilitating completion of the assessment in a more efficient and timely manner.

#### 4.1 Prescribed premises infrastructure and equipment

In Table 4.1 (below), provide a list of all items of infrastructure and equipment within the boundary of the prescribed premises relevant to this application, and include the following details for each:

- **relevant categories (if known)** – the categories of prescribed premises (as listed under Schedule 1 of the EP Regulations) that relate to that infrastructure or equipment;
- **site plan reference** – the location of that infrastructure or equipment (with reference to the site plan map or maps provided above in Section 3.4 and labelled as Attachment 2 – e.g. use GPS coordinates or a clear description such as “labelled as [label on premises map] on Map A”);
- **Is it critical containment infrastructure (CCI)?** – Indicate if the identified infrastructure or equipment would be categorised as CCI. Refer to the [Guideline: Industry Regulation Guide to Licensing](#) for further information on CCI; and
- **is environmental commissioning required?** – Indicate if environmental commissioning is intended to be undertaken for that item of infrastructure or equipment. Refer to the [Guideline: Industry Regulation Guide to Licensing](#) for further information on environmental commissioning.

Add additional rows to Table 4.1 (below) as required.

#### Table 4.1: Infrastructure and equipment

Part 4: Proposed activities					
	Infrastructure and equipment	Relevant categories (if known)	Site plan reference	CCI? (mark if yes)	Environmental commissioning? (mark if yes)
1.	Mobile crushing and screening plant and ore sorting machine	Cat. 5	Figures 2, 4 and 5 of supporting information document (Attachment 2 and 3B).	<input type="checkbox"/>	<input type="checkbox"/>
2.	Paste Plant	Cat. 61A	Figures 2 and 5 of supporting information document (Attachment 2 and 3B).	<input type="checkbox"/>	<input type="checkbox"/>
3.	Inert Landfill	Cat. 63	Figures 2, 4 and 5 of supporting information document (Attachment 2 and 3B).	<input type="checkbox"/>	<input type="checkbox"/>
4.	Putrescible Landfill	Cat. 89	Figures 2, 4 and 5 of supporting information document (Attachment 2 and 3B).	<input type="checkbox"/>	<input type="checkbox"/>
5.				<input type="checkbox"/>	<input type="checkbox"/>
6.				<input type="checkbox"/>	<input type="checkbox"/>
7.				<input type="checkbox"/>	<input type="checkbox"/>
8.				<input type="checkbox"/>	<input type="checkbox"/>
9.				<input type="checkbox"/>	<input type="checkbox"/>
10.				<input type="checkbox"/>	<input type="checkbox"/>

**4.2 Detailed description of proposed activities or proposed changes (if an amendment):**  
 You must provide details of proposed activities relevant to this application within the boundary of the prescribed premises, identifying:

- scope, size, and scale of the project, including details as to production or design capacity (and/or frequency, if applicable);
- key infrastructure and equipment;
- description of processes or operations (a process flow chart may be included as an attachment);
- emission/discharge points;
- locations of waste storage or disposal
- activities occurring during construction, environmental commissioning, and operation (if applicable).

If assessment and imposition of conditions to allow environmental commissioning to be undertaken are requested, please provide an environmental commissioning plan as Attachment 3A (see 4.11 below).  
 Additional information relating to the proposed activities may be included in Attachment 3B (see 4.12 below).

**Construction activities (if applicable):**

The works approval seeks approval to construct:

- A Category 61A paste plant to process tailing and/or cement to support underground backfilling.
- A Category 63 inert landfill to receive chemically inert solid wastes generated during crushing, screening and paste plant operations.
- A Category 89 putrescible landfill to receive putrescible and non-putrescible solid wastes that cannot be recycled or otherwise managed on site, including food waste, general refuse and associated packaging materials.

Please refer to Section 3 of the supporting information document (Attachment 3B).

**Environmental commissioning activities (if applicable):**  
 Refer to the [Guideline: Industry Regulation Guide to Licensing](#) for further guidance.

N/A

Part 4: Proposed activities				
<p><b>Time-limited operations activities (if applicable):</b></p> <p>Different elements of the premises may require time-limited operations to commence at different times. In these circumstances, please specify the infrastructure and/or equipment for which time-limited operations authorisation is being applied for.</p> <p>If time-limited operations are expected to differ from future licensed operations, specify how and why this would be the case.</p> <p>Refer to the <a href="#">Guideline: Industry Regulation Guide to Licensing</a> for further guidance.</p> <p>This works approval application is seeking approval to install a 1Mtpa mobile crushing and screening plant with an ore sorting attachment under Cat 5, to construct a paste plant of 650,000 tpa under Cat. 61A, to construct a 5,000tpa inert landfill under Cat 63 and to construct a 5,000tpa putrescible landfill under Cat.89.</p> <p>Cat. 5, Cat. 63 and Cat. 89 activities are on M27/38, M27/149, M27/178, M27/437 and M27/185, while Cat.61A activity is located on M24/616. All activities will require time-limited operations while L9242/2020/1 is amended.</p> <p>Please refer to Section 3 (Attachment 3B) of the attached Supporting Information document.</p>				
<p><b>Operations activities (for a licence):</b></p> <p>N/A</p>				
4.3	<b>Estimated operating period of the project/premises (e.g. based on estimated infrastructure life):</b>	Estimated operating period – 5 years		
4.4	<b>Proposed date(s) for commencement of works (if applicable):</b>	Q3 2026		
4.5	<p><b>Proposed date(s) for conclusion of works construction (if applicable):</b></p> <p>This date should coincide with the submission to DWER of an Environmental Compliance Report(s) and/or a Critical Containment Infrastructure Report(s) as required.</p> <p>Refer to the <a href="#">Guideline: Industry Regulation Guide to Licensing</a>.</p>	Q3 2026		
4.6	<p><b>Proposed date(s) for environmental commissioning of works (if applicable):</b></p> <p>Refer to the <a href="#">Guideline: Industry Regulation Guide to Licensing</a>.</p>	N/A		
4.7	<p><b>Proposed date/s for commencement of time-limited operations under works approval (if applicable):</b></p> <p>Refer to the <a href="#">Guideline: Industry Regulation Guide to Licensing</a>.</p>	N/A		
4.8	<p><b>Maximum production or design capacity for each category applied for (based on infrastructure operating 24 hours a day, 7 days a week):</b></p> <p>Provide figures for all categories listed in Section 1.2.</p> <p>Units of measurement must be the same as the units of measurement associated with the relevant category as identified in Schedule 1 of the EP Regulations.</p>	<p>This application includes installing and operating a 1Mtpa mobile crushing and screening plant under Cat. 5, constructing and operating a 650,000 tpa paste plant under Cat .61A, and constructing and operating a 5,000 tpa inert landfill under Cat. 63 and constructing and operating a 5,000 tpa putrescible landfill under Cat. 89.</p> <p>Norton will amend licence L9242/2020/1 to include the prescribed premises activities in this application and amend the PPL boundary to match the activity locations.</p>		
4.9	<p><b>Estimated / actual throughput for each category applied for:</b></p> <p>Provide figures for all categories listed in Section 1.2.</p> <p>Units of measurement must be the same as the units of measurement associated with the relevant category as identified in Schedule 1 of the EP Regulations.</p>	<p>Once the mobile crushing and screening plant is established, the annual throughput under Cat. 5 on L9242/2020/1 will be increased from 1Mtpa to 1.5Mtpa.</p> <p>All other existing prescribed premises production capacity approved under L9242/2020/1 will remain unchanged.</p>		
<b>Attachments</b>			<b>N/A</b>	<b>Yes</b>
4.10	<b>Attachment 2: Premises map</b>	Emission/discharge points are clearly labelled on the map/s required for Part 3.4 (Attachment 2).	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 4: Proposed activities				
4.11	<b>Attachment 3A: Environmental commissioning plan</b>	<p>If applying to construct works or install equipment, and environmental commissioning of the works or equipment is planned, an environmental commissioning plan has been included in Attachment 3A.</p> <p>The environmental commissioning plan is expected to include, at a minimum, identification of:</p> <ul style="list-style-type: none"> <li>the sequence of commissioning activities to be undertaken, including details on whether they will be done in stages;</li> <li>a summary of the timeframes associated with the identified sequence of commissioning activities;</li> <li>the inputs and outputs that will be used in the commissioning process;</li> <li>the emissions and/or discharges expected to occur during commissioning;</li> <li>The emissions and/or discharges that will be monitored and/or confirmed to establish or test a steady-state operation (e.g. identifying emissions surrogates, etc.), including a detailed emissions monitoring program for the measurement of those emissions and/or discharges;</li> <li>the controls (including management actions) that will be put in place to address the expected emissions and/or discharges;</li> <li>Any contingency plans for if emissions exceedances or unplanned emissions and/or discharges occur</li> <li>How would any of the above differ from standard operations once commissioning is complete?</li> </ul> <p>Note that DWER will not include conditions on a granted instrument that authorise environmental commissioning activities where it is not satisfied that the risks associated with environmental commissioning can be adequately addressed.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.12	<b>Attachment 3B: Proposed activities</b>	Additional information relating to the proposed activities has been included in Attachment 3B (if required). – <a href="#">Section 3 of the attached Supporting Information document</a>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Clearing activities</b>				
4.13 to 4.19 are only required if the application includes the clearing of native vegetation.				
4.13	<b>Proposed clearing area (hectares and/or number of individual trees to be removed):</b>	N/A		
4.14	<b>Details of any relevant exemptions:</b> Refer to DWER's <a href="#">A guide to the exemptions and regulations for clearing native vegetation</a> .	N/A		
4.15	<b>Proposed method of clearing:</b>	N/A		
4.16	<b>Period within which clearing is proposed to be undertaken:</b> For example, May 2020 – June 2020.	N/A		
4.17	<b>Purpose of clearing:</b>	<p>N/A – No clearing is required; the activity areas are located in cleared areas or within footprints currently authorised as waste rock landform and run of mine. No additional clearing other than what is already approved will be conducted.</p> <p>Refer to Figures 2, 4 and 5 in the supporting information document.</p>		
<b>Clearing activities – Attachments</b>			<b>N/A</b>	<b>Yes</b>

Part 4: Proposed activities				
4.18	<b>Attachment 3C: Map of area proposed to be cleared</b>	<p>You must provide:</p> <p>an aerial photograph or map of sufficient scale showing the proposed clearing area and the prescribed premises boundary</p> <p>OR</p> <p>if you have the facilities, a suitable portable digital storage device of the area proposed to be cleared as an ESRI shapefile with the following properties:</p> <ul style="list-style-type: none"> <li>• Geometry type: Polygon Shape</li> <li>• Coordinate system: GDA 2020 (Geographic latitude/longitude)</li> <li>• Datum: 2020 (Geocentric Datum of Australia 2020).</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.19	<b>Attachment 3D: Additional information for clearing assessment</b>	<p>Additional information to assist in the assessment of the clearing proposal may be attached to this application (for example, reports on salinity, fauna or flora studies or other environmental reports conducted for the site).</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 5: Index of Biodiversity and Marine Surveys for Assessments (IBSA and IMSA)				
<b>INSTRUCTIONS:</b>				
<ul style="list-style-type: none"> <li>• Biodiversity surveys should be submitted through the IBSA Submissions Portal at <a href="https://ibasubmissions.dwer.wa.gov.au">ibasubmissions.dwer.wa.gov.au</a></li> <li>• Biodiversity surveys submitted to support this application must meet the requirements of the EPA's <i>Instructions for the preparation of data packages for the Index of Biodiversity Surveys for Assessments (IBSA)</i>.</li> <li>• Marine surveys submitted to support this application must meet the requirements of the EPA's <i>Instructions for the preparation of data packages for the Index of Marine Surveys for Assessments (IMSA)</i>.</li> <li>• If these requirements are not met, DWER will decline to deal with the application.</li> </ul>				
Attachments			N/A	Yes
5.1	<b>Biodiversity surveys</b>	<p>All biodiversity surveys submitted with this application meet the requirements of the EPA's <a href="#">Instructions for the preparation of data packages for the Index of Biodiversity Surveys for Assessments (IBSA)</a>.</p> <p>Please provide the IBSA number(s) (or submission number(s) if IBSA number has not yet been issued) in the space provided.</p> <p>Note that a submission number is not confirmation of acceptance of a biodiversity survey and is not the same as an IBSA number. IBSA numbers are only issued once a survey has been accepted. Once an IBSA number is issued, please notify the department.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Submission number(s)		
		IBSA number(s)		
5.2	<b>Attachment 4: Marine surveys</b>	<p>All marine surveys submitted with this application meet the requirements of the EPA's <a href="#">Instructions for the preparation of data packages for the Index of Marine Surveys for Assessments (IMSA)</a>.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Part 6: Other DWER approvals</b>	
<b>INSTRUCTIONS:</b>	
<ul style="list-style-type: none"> <li>If you have applied, or intend to apply, for other approvals within DWER that may be relevant to this application, you must provide relevant details.</li> <li>If you have referred, or intend to refer, your proposal to the Environmental Protection Authority (EPA), you must provide the requested details.</li> </ul>	
<b>Pre-application scoping</b>	
<p>6.1 <b>Have you had any pre-application / pre-referral / scoping meetings with DWER regarding any planned applications?</b></p>	<p><input checked="" type="checkbox"/> No</p> <p><input type="checkbox"/> Yes – provide details:</p> <div style="border: 1px solid black; height: 40px; margin-top: 5px;"></div>
<b>Environmental impact assessment (Part IV of the EP Act)</b>	
<p>6.2 <b>Have you referred or do you intend to refer the proposal to the EPA?</b></p> <p>Section 37B(1) of the EP Act defines a ‘significant proposal’ as “a proposal likely, if implemented, to have a significant effect on the environment”.</p> <p>If DWER considers that the proposal in this application is likely to constitute a ‘significant proposal’, DWER is required under s.38(5) of the EP Act to refer the proposal to the EPA for assessment under Part IV, if such a referral has not already been made.</p> <p>If a relevant Ministerial Statement already exists, please provide the MS number in the space provided.</p>	<p><input type="checkbox"/> Yes (referred) – reference (if known): [       ]</p> <p><input type="checkbox"/> Yes – intend to refer (proposal is a ‘significant proposal’) <input type="checkbox"/> Yes – intend to refer (proposal will require a s.45C amendment to the current Ministerial Statement): MS [       ]</p> <p><input type="checkbox"/> No – a valid Ministerial Statement applies: MS [       ]</p> <p><input checked="" type="checkbox"/> No – not a ‘significant proposal’</p>
<b>Clearing of native vegetation (Part V Division 2 of the EP Act and Country Area Water Supply Act 1947)</b>	
<p>6.3 <b>Have you applied or do you intend to apply for a native vegetation clearing permit?</b></p> <p>In accordance with the <a href="#">Guideline: Industry Regulation Guide to Licensing</a> and <a href="#">Procedure: Native vegetation clearing permits</a>, where clearing of native vegetation:</p> <ul style="list-style-type: none"> <li>is exempt under Schedule 6 of the EP Act or the Environmental Protection (Clearing of Native Vegetation) Regulations 2004 (WA) (refer to <a href="#">A guide to the exemptions and regulations for clearing native vegetation</a>)</li> <li>is being assessed by a relevant authority which would lead to an exemption under Schedule 6 of the EP Act, or</li> <li>has been referred under s.51DA of the EP Act and a determination made that a clearing permit is not required (refer to the <a href="#">Guideline: Native vegetation clearing referrals</a>),</li> </ul> <p>the clearing will not be reassessed by DWER or be subject to any additional controls by DWER.</p> <p>If the proposed clearing action is to be assessed in accordance with, or under, an <i>Environment Protection and Biodiversity Conservation Act</i> (Cth) (EPBC Act) accredited process, such as the assessment bilateral agreement, the clearing permit application <a href="#">Form Annex C7 – Assessment bilateral agreement</a> must be completed and attached to your clearing permit application.</p>	<p><input type="checkbox"/> Yes – clearing application reference (if known): CPS [       ]</p> <p><input type="checkbox"/> Yes – a valid EP Act clearing permit already applies: CPS [       ]</p> <p><input type="checkbox"/> No – this application includes clearing (please complete Sections 4.13 to 4.19 above)</p> <p><input checked="" type="checkbox"/> No – permit not required (no clearing of native vegetation)</p> <p><input type="checkbox"/> No – permit not required (clearing referral decision): CPS [       ]</p> <p><input type="checkbox"/> No – an exemption applies (explain why):</p> <div style="border: 1px solid black; height: 40px; margin-top: 5px;"></div>

Part 6: Other DWER approvals	
<p>6.4 <b>Have you applied or do you intend to apply for a <i>Country Area Water Supply Act 1947</i> licence?</b></p> <p>If a clearing exemption applies in a <i>Country Area Water Supply Act 1947</i> (CAWS Act) controlled catchment, or if compensation has previously been paid to retain the subject vegetation, a CAWS Act clearing licence is required.</p> <p>If yes, contact the relevant DWER regional office for a Form 1 <i>Application for Licence</i>.</p> <p><a href="#">Map of CAWS Act controlled catchments</a></p>	<p><input type="checkbox"/> Yes – application reference (if known): [            ]</p> <p><input type="checkbox"/> No – a valid licence applies: [            ]</p> <p><input checked="" type="checkbox"/> <b>No – licence not required</b></p>
Water licences and permits ( <i>Rights in Water and Irrigation Act 1914</i> )	
<p>6.5 <b>Have you applied, or do you intend to apply for:</b></p> <ol style="list-style-type: none"> <li>1. a licence or amendment to a licence to take water (surface water or groundwater); or</li> <li>2. a licence to construct wells (including bores and soaks); or</li> <li>3. a permit or amendment to a permit to interfere with the bed and banks of a watercourse?</li> </ol> <p>For further guidance on water licences and permits under the <i>Rights in Water and Irrigation Act 1914</i>, refer to the <a href="#">Procedure: Water licences and permits</a>.</p>	<p><input type="checkbox"/> Yes –application reference (if known): [            ]</p> <p><input checked="" type="checkbox"/> <b>No – a valid licence / permit applies: [GWL167686]</b></p> <p><input type="checkbox"/> No – an exemption applies (explain why):</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <p><input type="checkbox"/> No – licence / permit not required</p>

Part 7: Other approvals and consultation			
<p><b>INSTRUCTIONS:</b></p> <ul style="list-style-type: none"> <li>• Please provide copies of all relevant documentation indicated below, including any conditions, exclusions, or expiry dates.</li> <li>• “Major Project” means:                             <ul style="list-style-type: none"> <li>➢ A State Development Project, where the lead agency is the Department of Jobs, Tourism, Science and Innovation (including projects to which a State Agreement applies); or</li> <li>➢ A Level 2 or 3 proposal, as defined in the Department of Premier and Cabinet’s <a href="#">Lead Agency Framework</a>.</li> </ul> </li> </ul>			
	N/A	No	Yes
7.1	<b>Is the proposal a Major Project?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.2	<b>Is the proposal subject to a State Agreement Act?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	If yes, specify which Act:		
7.3	<b>Has the proposal been allocated to a “Lead Agency” (as defined in the <a href="#">Lead Agency Framework</a>)?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	If yes, specify Lead Agency contact details:		
7.4	<b>Has the proposal been referred and/or assessed under the EPBC Act (Commonwealth)?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	If yes, please specify referral, assessment and/or approval number:		
7.5	<b>Has the proposal obtained all relevant planning approvals?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	If planning approval is necessary but has not been obtained, please provide details indicating why:		
	If planning approval is not necessary, please provide details indicating why:		

Part 7: Other approvals and consultation					
7.6	For renewals or amendment applications, are the relevant planning approvals still valid (that is, not expired)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7.7	Has the proposal obtained all other necessary statutory approvals (not including any other DWER approvals identified in Part 6 of this application)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If no, please provide details of approvals already obtained, outstanding approvals, and expected dates for obtaining these outstanding approvals:					
		N/A	No	Yes	
7.8	Has consultation been undertaken with parties considered to have a direct interest in the proposal (that is, interested parties or persons who are considered to be directly affected by the proposal)? DWER will give consideration to submissions from interested parties or persons in accordance with the <a href="#">Guideline: Industry Regulation Guide to Licensing</a> .	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Attachments</b>			N/A	Yes	
7.9	<b>Attachment 5: Other approvals and consultation documentation</b>	Details of other approvals specified in Part 7 of this application, including copies of relevant decisions and any consultation undertaken with direct interest stakeholders have been provided and labelled Attachment 5. (Please refer to Section 5 of the attached Supporting Information document).		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Part 8: Applicant history				
<b>Note:</b>				
<ul style="list-style-type: none"> <li>DWER will undertake an internal due diligence of the applicant's fitness and competency based on DWER's compliance records and the responses to Part 8 of the form.</li> <li>If you wish to provide additional information for DWER to consider in making this assessment, you may provide that information as a separate attachment (see Part 11).</li> </ul>				
		N/A	No	Yes
8.1	If the applicant is an individual, has the applicant previously held, or do they currently hold, a licence or works approval under Part V of the EP Act?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.2	If the applicant is a corporation, has any director of that corporation previously held, or do they currently hold, a licence or works approval under Part V of the EP Act?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8.3	If yes to 8.1 or 8.2 above, specify the name of company and/or Licence or works approval number:  Licences and Works Approval associated with Golden Cities' operation (Attachment 5) include <ul style="list-style-type: none"> <li>L9242/2020/1 (Paddington Gold Pty Ltd)</li> <li>W6717/2022/1 (Paddington Gold Pty Ltd)</li> <li>W2886/2025/1 (Paddington Gold Pty Ltd)</li> </ul> Norton Gold Field holds several additional licences and works approvals applicable to other operations.			
8.4	If the applicant is an individual, has the applicant ever been convicted, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.5	If the applicant is a corporation, has any director of that corporation ever been convicted, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 8: Applicant history				
8.6	If the applicant is a corporation, has any person concerned in the management of the corporation, as referred to in s.118 of the EP Act, ever been convicted of, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.7	If the applicant is a corporation, has any director of that corporation ever been a director of another corporation that has been convicted, or paid a penalty, for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.8	With regards to the questions posed in 8.4 to 8.7 above, have any legal proceedings been commenced, whether convicted or not, against the applicant for an offence under a provision of the EP Act, its subsidiary legislation, or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.9	Has the applicant had a licence or other authority suspended or revoked due to a breach of conditions or an offence under the EP Act or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.10	If the applicant is a corporation, has any director of that corporation ever had a licence or other authority suspended or revoked due to a breach of conditions or an offence under the EP Act or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.11	If the applicant is a corporation, has any director of that corporation ever been a director of another corporation that has ever had a licence or other authorisation suspended or revoked due to a breach of conditions or an offence under the EP Act or similar environmental protection or health-related legislation in Western Australia or elsewhere in Australia?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.12	If yes to any of 8.4 to 8.11 above, you must provide details of any charges, convictions, penalties paid for an offence, and/or licences or other authorisations suspended or revoked:			

Part 9: Emissions, discharges, and waste			
<b>INSTRUCTIONS:</b>			
<ul style="list-style-type: none"> <li>Please see <a href="#">Guideline: Risk Assessments</a> and provide all information relating to emission sources, pathways and receptors relevant to the application.</li> <li>You must provide details on sources of emissions (for example, kiln stack, baghouses or discharge pipelines) including fugitive emissions (for example, noise, dust or odour), types of emissions (physical, chemical, or biological), and volumes, concentrations and durations of emissions.</li> <li>The potential for emissions should be considered for all stages of the proposal (where relevant), including during construction, commissioning and operation of the premises.</li> </ul>			
		<b>No</b>	<b>Yes</b>
9.1	<b>Are there potential emissions or discharges arising from the proposed activities?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If yes, identify all potential emissions and discharges arising from the proposed activities and complete Table 9.1: Emissions and discharges (below).			

**Part 9: Emissions, discharges, and waste**

Gaseous and particulate emissions (e.g. emissions from stacks, chimneys or baghouses)

Wastewater discharges (e.g. treated sewage, wash water, or process water discharged to lands or waters)

Noise (e.g. from machinery operations and/or vehicle operations)

Contaminated or potentially contaminated stormwater (e.g. stormwater with the potential to come into contact with chemicals or waste materials, etc.)

Other (please specify): [ ]

Dust (e.g. from equipment, unsealed roads and/or stockpiles, etc.)

Waste and leachate (e.g. emissions through seepage, leaks and spills of waste from storage, process and handling areas, etc.)

Odour (e.g. from wastes accepted at putrescible landfills, storage or processing of waste or other odorous materials, etc.)

Electromagnetic radiation<sup>1</sup>

<sup>1</sup> Note that for electromagnetic radiation, copies/details of other relevant approvals (such as from the Department of Mines, Industry Regulation and Safety or the Radiological Council) must be provided where applicable.

**Part 9: Emissions, discharges, and waste**

Details of any pollution control equipment or waste treatment system, including any control mechanisms used to ensure proper operation of this equipment, must be included in the proposed controls column of the 'Emissions and discharges table' below. Details of management measures employed to control emissions should also be included. Please provide / attach any relevant documents (e.g. management plans, etc.).

Additional rows may be added as required and/or further information may be included as an attachment (see Section 9.3).

**Table 9.1: Emissions and discharges**

	<b>Source of emission or discharge</b>	<b>Emission or discharge type</b>	<b>Volume and frequency</b>	<b>Proposed controls (include in Attachment 6A if extensive or complex)</b>	<b>Location (on site layout plan – see 3.4)</b>
1	Mobile Crushing / Screening Equipment	Noise	Continuous during operation.	Refer to Section 7 of the Supporting Information document (Attachment 6A).	Refer to Figures 2, 4 and 5 of the Supporting Information document (Attachment 2)
		Dust	Continuous during operation - variable depending on weather conditions		
		Contaminated Stormwater Runoff	Intermittent – following rainfall events		
2	Ore Sorting Equipment	Noise	Continuous during operation.		
		Dust	Continuous during operation - variable depending on weather conditions		
		Contaminated Stormwater Runoff	Intermittent – following rainfall events		
3	Paste Plant	Noise	Continuous during operation.	Refer to Section 7 of the Supporting Information document (Attachment 6A).	Refer to Figures 2 and 5 of the Supporting Information document (Attachment 2)
		Dust	Continuous during operation - variable depending on weather conditions		
		Contaminated Stormwater Runoff	Intermittent – following rainfall events		
4	Inert Landfill	Noise	Continuous during operation.	Refer to Section 7 of the Supporting Information document (Attachment 6A).	Refer to Figures 2, 4 and 5 of the Supporting Information document (Attachment 2)
		Dust	Continuous during operation - variable depending on weather conditions		
		Stormwater Runoff	Intermittent – following rainfall events		
5	Putrescible Landfill	Noise	Continuous during operation.	Refer to Section 7 of the Supporting Information document (Attachment 6A).	Refer to Figures 2, 4 and 5 of the Supporting Information document (Attachment 2)
		Dust	Continuous during operation - variable depending on weather conditions		
		Contaminated Stormwater Runoff	Intermittent – following rainfall events		
		Leachate	Continuous during operation.		

Part 9: Emissions, discharges, and waste					
9.2		<b>Waste-related activities at the premises<sup>2</sup></b>		No	Yes
Answer "yes" or "no" for the following questions and complete Table 9.2 (below).					
(a)	Is waste accepted at the premises?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
(b)	Is waste produced on the premises?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
(c)	Is waste processed on the premises?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
(d)	Is waste stored on the premises?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
(e)	Is waste buried on the premises?			<input type="checkbox"/>	<input checked="" type="checkbox"/>
(f)	Is waste recycled on the premises?			<input checked="" type="checkbox"/>	<input type="checkbox"/>
(g)	Is any of the waste listed in Table 9.2 (below) also considered a 'dangerous good' for the purposes of the Dangerous Goods Safety (Storage and Handling of Non-Explosives) Regulations 2007? <sup>3</sup>			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Specify, if yes:				
<p><sup>2</sup> Copies / details of any other relevant approvals (e.g. from the Department of Health) must be provided where applicable.</p> <p><sup>3</sup> Wastes derived from the storage, handling, and use of dangerous goods may be considered hazardous and may need to be handled with the same precautions. Please refer to the Department of Mines, Industry Regulation and Safety's <a href="#">Dangerous Goods Safety information sheet</a> for more information.</p> <p>Solid waste types must be described with reference to <i>Landfill Waste Classification and Waste Definitions 1996</i> (as amended from time to time) and the Environmental Protection (Controlled Waste) Regulations 2004 (Controlled Waste Regulations).</p> <p>Liquid waste types must be described with reference to the Controlled Waste Regulations.</p> <p>For further guidance on the definition of waste, refer to <a href="#">Fact Sheet: Assessing whether material is waste</a>.</p>					
<p>Detail must be provided on storage type (for example, hardstand and containment infrastructure), capacity, likely storage volumes, and containment features (for example, lining and bunding).</p> <p>Additional rows may be added as required and/or further information may be included as an attachment (see Section 9.4).</p>					
<b>Table 9.2 Waste types</b>					
	Waste type	Quantity (e.g. tonnes, litres, cubic metres)	Waste activity infrastructure (including specifications)	Monitoring (if applicable)	Location (on site layout plan – see 3.4)
1.	Inert mining waste (Dry tailings)	650,000 tpa	The tailings stockpile is to be used in the production of the paste plant.	Refer to Section 7 of the Supporting Information document (Attachment 6A).	Refer to Figures 2, 4 and 5 of the Supporting Information document (Attachment 2)
2.	Inert solid waste	5,000tpa	Shallow trenches within WRDs.	Refer to Section 7 of the Supporting Information document (Attachment 6A).	Refer to Figures 2, 4 and 5 of the Supporting Information document (Attachment 2)
3.	Putrescible solid waste	5,000tpa	Shallow trenches within WRDs.	Refer to Section 7 of the Supporting Information document (Attachment 6A).	Refer to Figures 2, 4 and 5 of the Supporting Information document (Attachment 2)
4.					
5.					
<b>Attachments</b>				N/A	Yes

Part 9: Emissions, discharges, and waste				
9.3	<b>Attachment 6A: Emissions and discharges</b> (if required)	If required, further information for Section 9.1 has been included as an attachment labelled Attachment 6A.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9.4	<b>Attachment 6B: Waste acceptance</b> (if required)	If required, further information for Section 9.2 has been included as an attachment labelled Attachment 6B.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Part 10: Siting and location																																												
10.1	<b>Sensitive land uses</b> What is/are the distance(s) to the nearest sensitive land use(s)? A sensitive land use is a residence or other land use which may be affected by an emission or discharge associated with the proposed activities.	Broad Arrow town site is located 400m west of the prescribed premises, and 7km from the closest proposed activity location																																										
10.2	<b>Nearby environmentally sensitive receptors and aspects</b> Identify in Table 10.2 (below): <ul style="list-style-type: none"> <li>all instances of environmentally sensitive receptors that are known or suspected to be present within, or within close proximity to, the proposed prescribed premises boundary;</li> <li>the nature of the sensitive receptors (e.g. type of Threatened Ecological Community, species or threatened flora or fauna, etc.);</li> <li>their actual or approximate known distance and direction from the premises boundary (at the closest point/s); and</li> <li>if applicable, what measures have been or will be taken to ensure that sensitive receptors are not adversely impacted by any emissions or discharges from the premises.</li> </ul> Refer to the <a href="#">Guideline: Environmental siting</a> for further guidance.	<p><b>Table 10.2: Nearby environmentally sensitive receptors and aspects</b></p> <table border="1"> <thead> <tr> <th>Type / classification</th> <th>Description</th> <th>Distance + direction to premises boundary</th> <th>Proposed controls to prevent or mitigate adverse impacts (if applicable)</th> </tr> </thead> <tbody> <tr> <td>Environmentally Sensitive Areas <sup>1</sup></td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Threatened Ecological Communities</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Threatened and/or priority fauna</td> <td>Five vulnerable fauna species were identified at public layer DBCA-037, near the indicative PPL boundary.</td> <td>Four species were identified within the PPL boundary and one within a 100m.</td> <td>Please refer to Section 7 of the supporting information document.</td> </tr> <tr> <td>Threatened and/or priority flora</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Aboriginal and other heritage sites <sup>2</sup></td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Public drinking water source areas <sup>3</sup></td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Rivers, lakes, oceans, and other bodies of surface water, etc.</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Acid sulfate soils</td> <td>N/A</td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td>N/A</td> <td></td> <td></td> </tr> </tbody> </table>			Type / classification	Description	Distance + direction to premises boundary	Proposed controls to prevent or mitigate adverse impacts (if applicable)	Environmentally Sensitive Areas <sup>1</sup>	N/A			Threatened Ecological Communities	N/A			Threatened and/or priority fauna	Five vulnerable fauna species were identified at public layer DBCA-037, near the indicative PPL boundary.	Four species were identified within the PPL boundary and one within a 100m.	Please refer to Section 7 of the supporting information document.	Threatened and/or priority flora	N/A			Aboriginal and other heritage sites <sup>2</sup>	N/A			Public drinking water source areas <sup>3</sup>	N/A			Rivers, lakes, oceans, and other bodies of surface water, etc.	N/A			Acid sulfate soils	N/A			Other	N/A		
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<p><sup>1</sup> Environmentally Sensitive Areas are as declared under the <i>Environmental Protection (Environmentally Sensitive) Notice 2005</i>. Refer to DWER's website ("<a href="#">Environmentally Sensitive Areas</a>") for further information.</p> <p><sup>2</sup> Refer to the <a href="#">Department of Planning, Lands and Heritage website</a> for further information about Aboriginal heritage and other heritage sites.</p> <p><sup>3</sup> Refer to <a href="#">Water Quality Protection Note No.25: Land use compatibility tables for public drinking water source areas</a> for further information.</p>																																												

Part 10: Siting and location			
10.3	<b>Environmental siting context details</b>	Provide further information including details on topography, climate, geology, soil type, hydrology, and hydrogeology at the premises.	
<b>Attachments</b>			<b>N/A</b> <b>Yes</b>
10.4	<b>Attachment 7: Siting and location</b>	You must provide details and a map describing the siting and location of the premises, including identification of distances to sensitive land uses and/or any specified ecosystems.	<input type="checkbox"/> <input checked="" type="checkbox"/>

Part 11: Submission of any other relevant information			
<b>Attachments</b>			<b>No</b> <b>Yes</b>
11.1	<b>Attachment 8: Additional information submitted</b>	Applicants seeking to submit further information may include information labelled Attachment 8. If submitting multiple additional attachments, label them 8A, 8B, etc.  Where additional documentation is submitted, please specify the name of documents below.	<input checked="" type="checkbox"/> <input type="checkbox"/>
List title of additional document(s) attached:			

Part 12: Category checklist(s)			
<b>Attachments</b>			<b>N/A</b> <b>Yes</b>
12.1	<b>Attachment 9: Category checklist(s)</b>	DWER has developed category checklists to assist applicants with preparing their application. These checklists are available on <a href="#">DWER's website</a> . The relevant category-specific checklist(s) must be completed and included with the application, labelled as Attachment 9. If attaching multiple category checklists, label them 9A, 9B, etc. Do not select "N/A" unless: <ul style="list-style-type: none"> <li>a relevant category checklist is not yet published on DWER's website, or</li> <li>the application is for an amendment that does not propose changes to the method of operation, or change the inputs, outputs, infrastructure, equipment, emissions, or discharges of / from the premises.</li> </ul> Note that that a category checklist(s) may still be required for renewal applications. You will be advised in your renewal notification letter (sent approximately twelve months before the licence expiry date) if you are required to provide the information identified in a category checklist. Where a category checklist is submitted, please specify which checklist(s) in the space below.	<input checked="" type="checkbox"/> <input type="checkbox"/>
List title(s) of category checklists attached:			

Part 13: Proposed fee calculation	
<p><b>INSTRUCTIONS:</b>                      Different fee units apply for different fee components. Fee units may also have different amounts depending on the period in which the calculation is made.                      Once DWER has confirmed that the application submitted meets the relevant requirements of the EP Act, you will be issued an invoice with instructions for paying your application fee.                      Further information on fees can be found in the <a href="#">Fact Sheet: Industry Regulation fees</a>, and on <a href="#">DWER's website</a>.</p>	
13.1 Only the relevant fee calculations are to be completed as follows: <i>[mark the box to indicate section s completed]</i>	<input checked="" type="checkbox"/> Section 13.3 for works approval applications <input type="checkbox"/> Section 13.4 for licence / renewal applications <input type="checkbox"/> Section 13.5 for registration applications <input type="checkbox"/> Section 13.6 for amendment applications <input type="checkbox"/> Section 13.7 for applications requiring clearing of native vegetation
13.2 All information and data used for the calculation of proposed fees has been provided in accordance with Section 13.8.	<input checked="" type="checkbox"/>
<b>13.3 Proposed works approval fee</b>	
Proposed works approval fee (see Schedule 3 of the EP Regulations) Fees relate to the cost of the works, including all capital costs (inclusive of GST) associated with the construction and establishment of the works proposed under the works approval application. This includes, for example, costs associated with earth works, hard stands, drainage, plant hire, equipment, processing plant, relocation of equipment and labour hire. Costs exclude: - the cost of land - the cost of buildings to be used for purposes unrelated to the purposes in respect of which the premises are, or will become, prescribed premises - costs for buildings unrelated to the prescribed premises activity or activities - consultancy fees relating to the works.	
<b>Fee component</b>	<b>Proposed fee</b>
Cost of works: ██████████	██████████

13.4 Proposed licence fee (new licences and licence renewals)		
<b>Detailed licence fee calculations</b>		
<p><b>Part 1 Premises component</b> (see r.5D and Part 1 of Schedule 4 of the EP Regulations)</p> <p>The production or design capacity should be the maximum capacity of the premises. For most categories, the production or design capacity refers to an annual rate. The figure should be based on 24 hour operation for 365 days, unless there is another regulatory approval or technical reason that restricts operation.</p> <p>The premises component fee applies to the category in Part 1, Schedule 4 incurring the higher or highest amount of fee units in accordance with r.5D(2) of the EP Regulations.</p> <p>List all categories (insert additional rows as required). Use only the higher or highest amount of fee units to determine the Part 1 fee component.</p>		
Category	Production or design capacity	Fee units
Using the higher or highest amount of fee units, Part 1 component subtotal		\$
<p><b>Part 2 Waste</b> (see r.5D(1a)(b) and Part 2 of Schedule 4 of the EP Regulations)</p> <p>If your premises includes one or more of the following categories specify any applicable Part 2 waste amounts. Do not include Part 3 waste components of these discharges in the below calculations.</p> <p>Categories: 5, 6, 7, 8, 9, 12, 14, 44, 46, 53, 54A, 70, 80, or 85B</p> <p>Part 2 waste means waste consisting of –</p> <ul style="list-style-type: none"> <li>(a) tailings; or</li> <li>(b) bitterns; or</li> <li>(c) water to allow mining of ore; or</li> <li>(d) flyash; or</li> <li>(e) waste water from a desalination plant.</li> </ul> <p>If the premises does not fall into one of the categories listed above, or there are no applicable Part 2 waste amounts, the sub total for this section will be \$0.</p> <p>Insert additional rows as required. Sum all Part 2 waste fees to determine the sub total.</p>		
Discharge quantity (tonnes/year)	Fee units	
Part 2 component subtotal		\$
<p><b>Part 3 Waste – Discharges to air, onto land, into waters</b> (see Part 3 of Schedule 4 of the EP Regulations)</p> <p>Choose the appropriate location of the discharge and enter the discharge amount(s) in the units specified in the EP Regulations. This should be the amount of waste expected to be discharged over the next 12 months, expressed in the units and averaging period applicable for that waste kind (for example, g/minute or kg/day). Amounts can be measured, calculated, or estimated and can be based on data acquired over the previous 12 months, but should be based on the maximum premises capacity and not the forecast operating hours.</p> <p>Where there are discharges, all prescribed waste types must be considered in the fee calculation. If a specified waste type is not present in the discharge, this must be justified using an appropriate emission estimation technique (for example, sampling data, industry sector guidance notes, National Pollution Inventory guides and emission factors).</p>		

<b>Discharges to air</b>			
Discharges to air	Discharge rate (g/min)	Discharges to air	Discharge rate (g/min)
Carbon monoxide		Nickel	
Oxides of nitrogen		Vanadium	
Sulphur oxides		Zinc	
Particulates (Total PM)		Vinyl chloride	
Volatile organic compounds		Hydrogen sulphide	
Inorganic fluoride		Benzene	
Pesticides		Carbon oxysulphide	
Aluminium		Carbon disulphide	
Arsenic		Acrylates	
Chromium		Beryllium	
Cobalt		Cadmium	
Copper		Mercury	
Lead		TDI (toluene-2, 4-di-iso-cyanate)	
Manganese		MDI (diphenyl-methane di-iso-cyanate)	
Molybdenum		Other waste	
Part 3 component subtotal		\$	
<b>Discharges onto land or into waters</b>			Discharge rate
1. Liquid waste that can potentially deprive receiving waters of oxygen (for each kilogram discharged per day) —	(a) biochemical oxygen demand (in the absence of chemical oxygen demand limit)		
	(b) chemical oxygen demand (in the absence of total organic carbon limit)		
	(c) total organic carbon		
2. Bio-stimulants (for each kilogram discharged per day) —	(a) phosphorus		
	(b) total nitrogen		
3. Liquid waste that physically alters the characteristics of naturally occurring waters —	(a) total suspended solids (for each kilogram discharged per day)		
	(b) surfactants (for each kilogram discharged per day)		
	(c) colour alteration (for each platinum cobalt unit of colour above the ambient colour of the waters in each megalitre discharged per day)		
	(d) temperature alteration (for each 1°C above the ambient temperature of the waters in each megalitre discharged per day) — (i) in the sea south of the Tropic of Capricorn (ii) in other waters		

4. Waste that can potentially accumulate in the environment or living tissue (for each kilogram discharged per day) —	(a) aluminium	
	(b) arsenic	
	(c) cadmium	
	(d) chromium	
	(e) cobalt	
	(f) copper	
	(g) lead	
	(h) mercury	
	(i) molybdenum	
	(j) nickel	
	(k) vanadium	
	(l) zinc	
	(m) pesticides	
	(n) fish tainting wastes	
(o) manganese		
5. <i>E. coli</i> bacteria as indicator species (in each megalitre discharged per day) —	(a) 1,000 to 5,000 organisms per 100 ml	
	(b) 5,000 to 20,000 organisms per 100 ml	
	(c) more than 20,000 organisms per 100 ml	
6. Other waste (per kilogram discharged per day) —	(a) oil and grease	
	(b) total dissolved solids	
	(c) fluoride	
	(d) iron	
	(e) total residual chlorine	
	(f) other	
Part 3 component subtotal		\$
<b>Summary – Proposed licence fee</b>		
Part 1 Component		
Part 2 Component		
Part 3 Component		
Total proposed licence fees:		\$
<b>13.5 Prescribed fee for registration</b>		
A fee of 24 units applies for an application for registration of premises, unless the occupier of the premises holds a licence in respect of the premises, in accordance with r.5B(2)(c) of the EP Regulations.		<input type="checkbox"/> (Tick to acknowledge)

<b>13.6 Amendment fee (works approval or Licence)</b>		
The fee prescribed for an application for an amendment to a works approval or Licence is calculated in accordance with r.5BB(1)(a) of the EP Regulations: <ul style="list-style-type: none"> <li>for a single category of prescribed premises to which the works approval or Licence relates, by using the fee unit number corresponding to the prescribed premises category and relevant design capacity threshold in Schedule 4 Part 1 of the EP Regulations.</li> <li>for multiple categories of prescribed premises to which the works approval or Licence relates, by using the highest fee unit number corresponding to the prescribed premises categories and design capacity threshold in Schedule 4 Part 1 of the EP Regulations.</li> </ul>		
Fee Units	Proposed fee	
<b>13.7 Prescribed fee for clearing permit</b>		
In accordance with the <a href="#">Guideline: Industry Regulation Guide to Licensing</a> and <a href="#">Procedure: Native vegetation clearing permits</a> , where approval to clear native vegetation is sought as part of an application for a works approval or Licence, DWER may elect to either jointly or separately determine the clearing component of the application. Where DWER separately determines the clearing component of an application, the application will be deemed to be an application for a clearing permit under s.51E of the EP Act and processed accordingly.  Note: If a clearing permit application has been separately submitted and accepted by DWER, a refund for the clearing permit application will not be provided where DWER determines to address clearing requirements as part of a related works approval application.		<input type="checkbox"/> (Tick to acknowledge)
<b>13.8 Information and data used to calculate proposed fees</b>		
The detailed calculations of fee components, including all information and data used for the calculations are to be provided as attachments to this application, labelled as <b>Attachment 10</b> , with an appropriate suffix (for example 10A, 10B etc.). Please specify the relevant attachment number in the space/s provided below.		
Proposed fee for works approval	Attachment No.	
Details for cost of works	Please refer to <a href="#">Section 9 of the Supporting Information document</a>	
Proposed fee for Licence	Attachment No.	
Part 1: Premises		
Part 2: Waste types		
Part 3: Discharges to air, onto land, into waters		
<b>Part 14: Commercially sensitive or confidential information</b>		
<p><b>NOTE:</b>                  Information submitted as part of this application will be made publicly available. If you wish to submit commercially sensitive or confidential information, please identify the information in Attachment 11, and include a written statement of reasons why you request each item of information be kept confidential. Information submitted later in the application process may also be made publicly available at DWER's discretion. For any commercially sensitive or confidential information, please follow the same process as described above.                  DWER will take reasonable steps to protect genuinely confidential or commercially sensitive information. However, please note that DWER cannot commit to redacting all personal information from all supporting documents. You are advised to ensure that all personal information, including signatures, are removed from supporting documents prior to submitting them to the department. Please note that all submitted information may be the subject of an application for release under the <i>Freedom of Information Act 1992</i>.</p>		
All information which you would propose to be exempt from public disclosure has been separately placed in a redacted version of the application form and its supporting documentation. Note that this is in addition to the unredacted version(s) provided to DWER for its assessment. Grounds for claiming exemption in accordance with Schedule 1 to the <i>Freedom of Information Act 1992</i> must be specified in <b>Attachment 11</b> (located at the end of this form).	Attached  <input type="checkbox"/>	N/A  <input checked="" type="checkbox"/>

<b>Part 15: Submission of application</b>	
<p><b>INSTRUCTIONS:</b>                      Check one of the boxes below to nominate how you will submit your application.                      Files larger than 50MB cannot be received via email by DWER. Files larger than 50MB can be sent via File Transfer. Alternatively, email DWER to make other arrangements.</p>	
<p>A full, signed, electronic copy of the application form including all attachments has been submitted via email to <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>;  <b>OR</b></p>	<input checked="" type="checkbox"/>
<p>A signed, electronic copy of the application form has been submitted via email to <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a> and attachments have been submitted via File Transfer, or electronically by other means as arranged with DWER;  <b>OR</b></p>	<input type="checkbox"/>
<p>A full, signed hard copy has been sent to:                      APPLICATION SUBMISSIONS                      Department of Water and Environmental Regulation                      Locked Bag 10                      Joondalup DC WA 6919</p>	<input type="checkbox"/>

**Part 16: Declaration and signature**

**General**

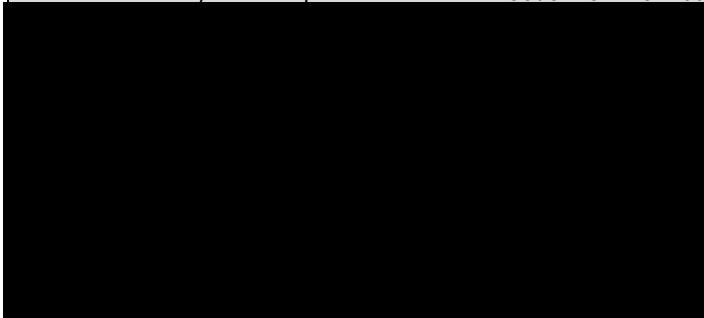
I / We confirm and acknowledge that:

- the information contained in this application is true and correct;
- I / we have legal authority to sign on behalf of the applicant (where authorisation provided);
- I / we have not altered the requirements and instructions set out in this application form;
- I / we have provided a valid email address in Section 2.3 for receipt of correspondence electronically via email from DWER in relation to this application;
- that successful delivery to my / our server constitutes receipt of correspondence sent electronically via email from DWER in relation to this application; and
- I / we have provided a valid postal and/or business address in Section 2.4 for the service of all Part V documents.
- giving or causing to be given information that to my knowledge is false or misleading is an offence under s.112 of the EP Act and may incur a penalty of up to \$100,000.

**Publication**

I / We confirm and acknowledge:

- this application (including all attachments apart from the sections identified in Attachment 11) is a public document and may be published;
- marine surveys provided in accordance with Part 5 will be published and used, for the purposes of the IMSA project, in accordance with your declaration made in the *Metadata and Licensing Statement*;
- all necessary consents for the publication of information have been obtained from third parties;
- information considered exempt from public disclosure has been noted by redaction of a separately provided copy of the completed application form and its supporting documentation (in accordance with Part 14), with reasons as to why the information should be exempt in accordance with the grounds specified in Schedule 1 to the *Freedom of Information Act 1992 (WA)* being provided in Attachment 11;
- subsequent information provided in relation to this application will be a public document and may be published unless written notice has been given to DWER by the applicant, at the time the information is provided, claiming that the information is considered exempt from public disclosure; and
- the decision to not publish information will be at the discretion of the CEO of DWER and will be made consistently with the provisions of the *Freedom of Information Act 1992 (WA)*.



05/05/2026

Date

Signature

Date

Name

Position

**NOTE: This form may be signed:**

- if the applicant is an individual, by the individual;
- if the applicant is a corporation, by:
  - the common seal being affixed in accordance with the *Corporations Act 2001 (Cth)*; or
  - two directors; or
  - a director and a company secretary; or
  - if a proprietary company has a sole director who is also the sole company secretary, by that director; and
- by a person with legal authority to sign on behalf of the applicant.

**ATTACHMENT 11 – Confidential or commercially sensitive information**

Request for exemption from publication			
Information which you consider should not be published, on the grounds of a relevant exemption found in Schedule 1 to the <i>Freedom of Information Act 1992</i> (WA), must be specified in this Attachment. Add additional rows as required.			
<b>NOT FOR PUBLICATION IF GROUNDS FOR EXEMPTION ARE DETERMINED TO BE ACCEPTABLE</b>			
Section of this form:		Grounds for claiming exemption:	
Section of this form:		Grounds for claiming exemption:	
Section of this form:		Grounds for claiming exemption:	
<div style="border-bottom: 1px solid black; margin-bottom: 10px;"></div> Full Name			
Signature		Date	

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## 1. APPLICANT DETAILS

Paddington Gold Pty Limited is a wholly-owned subsidiary of Norton Gold Fields Pty Ltd (Norton). Norton owns and operates the Golden Cities-Mulgarrie Mine Areas.

### Proof of Occupier Status (Attachment 1A)

The tenements associated with the Golden Cities-Mulgarrie are owned and operated by Norton. Please refer to Appendix A - Proof of Occupier Status for summary reports on mining tenements associated with the amendment.



## 2. PREMISES DETAILS (Attachment 2)

Norton operates the Golden Cities and Mulgarrie mine areas, which are located approximately 36 km north of Kalgoorlie–Boulder in the Goldfields region of Western Australia, and about 6 km north of the Norton-owned Paddington Gold Mill.

Golden Cities is operated under the Prescribed Premises Licence L9242/2020/1 and comprises eight mining leases and two miscellaneous licences (Table 1 and Figure 1). The adjacent Mulgarrie tenements M27/437, M27/149, M27/38 and M27/178 are not currently included within the prescribed premises boundary. This Works Approval application seeks approval for proposed activities on the Golden Cities-Mulgarrie tenements and reflects Norton’s intention to amend L9242/2020/1 to incorporate these tenements into the prescribed premises boundary. A comparison between currently licenced and additional activities proposed in this works approval application is displayed in Figure 1 and Figure 2. An indicative post-licence amendment site layout displaying activity locations (current and additional) is displayed in Figure 3.

For context, the current prescribed premises boundary and an indicative amended boundary are shown in Figure 2. The indicative boundary illustrates the extent of the area proposed to be incorporated into the licence boundary in a future amendment, and it is provided for information only. Norton will submit a separate application to amend Licence L9242/2020/to incorporate the additional tenements and infrastructure into the prescribed premises boundary.

The tenements associated with Golden Cities-Mulgarrie are detailed in Table 1 and Figure 1.

*Table 1 - Tenements associated with Golden Cities-Mulgarrie.*

Mine Area	Tenement	Holder	Expiry Date	Mine Area	Tenement	Holder	Expiry Date
Golden Cities	L24/228	Norton Gold Fields Pty Ltd	14/11/39	Golden Cities	M24/565	Paddington Gold Pty	03/11/39
Golden Cities	L24/231		14/11/39	Golden Cities	M24/616		18/02/40
Golden Cities	M24/251		24/11/30	Golden Cities	M24/188		28/03/30
Golden Cities	M27/185		17/01/37	Golden Cities	M24/425		21/12/36
Mulgarrie	M27/38		15/12/28	Golden Cities	M24/557		23/10/39
Mulgarrie	M27/149		28/05/32	Golden Cities	M24/564		03/11/39
Mulgarrie	M27/178		28/12/35				
Mulgarrie	M27/437		05/12/33				

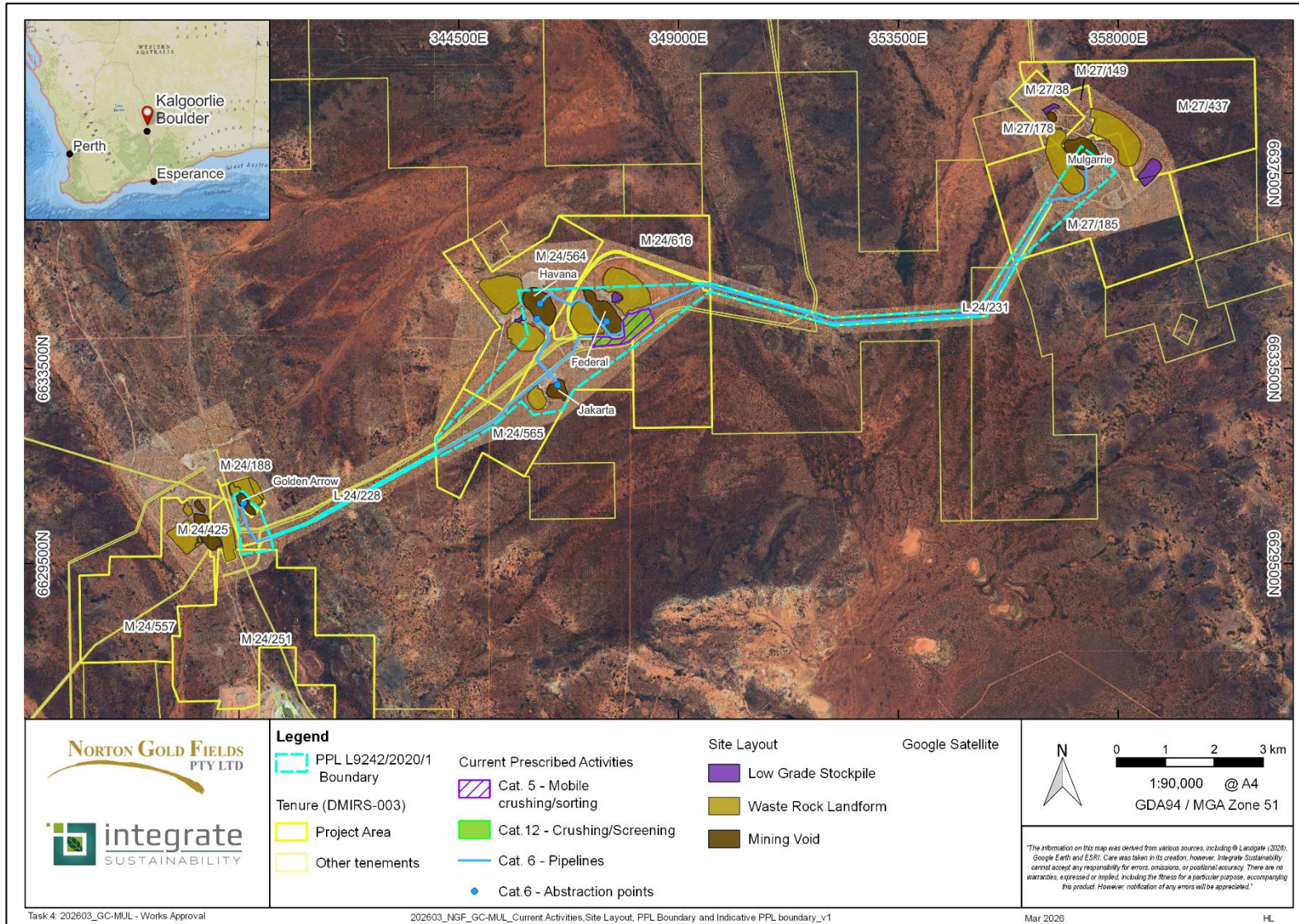
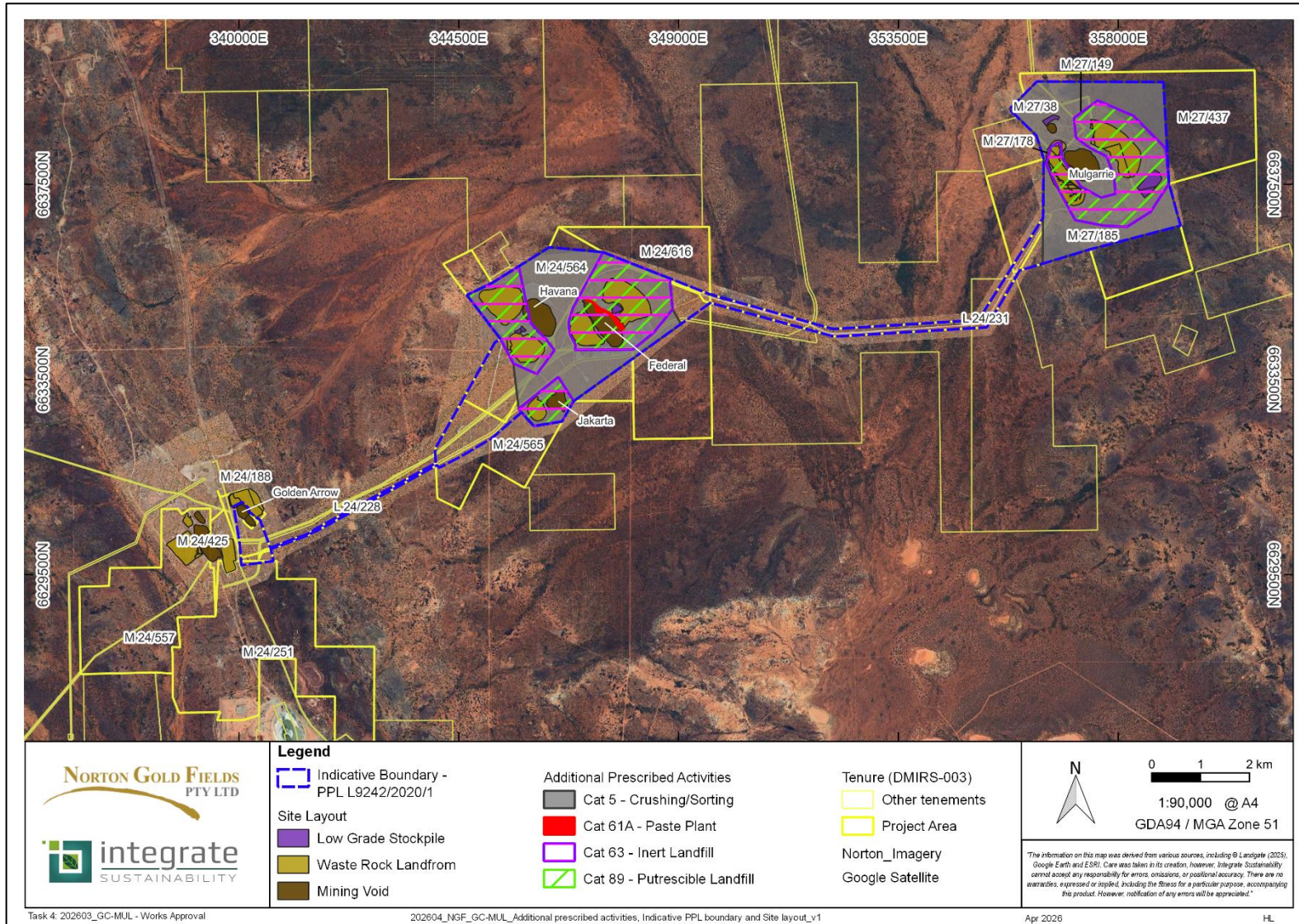


Figure 1 Current prescribed activities, PPL boundary and Site Layout.



Task 4: 202603\_GC-MUL - Works Approval

202604\_NGF\_GC-MUL\_Additional prescribed activities, Indicative PPL boundary and Site layout\_v1

Apr 2026

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Figure 2 Additional prescribed activities, Indicative PPL and Site Layout.

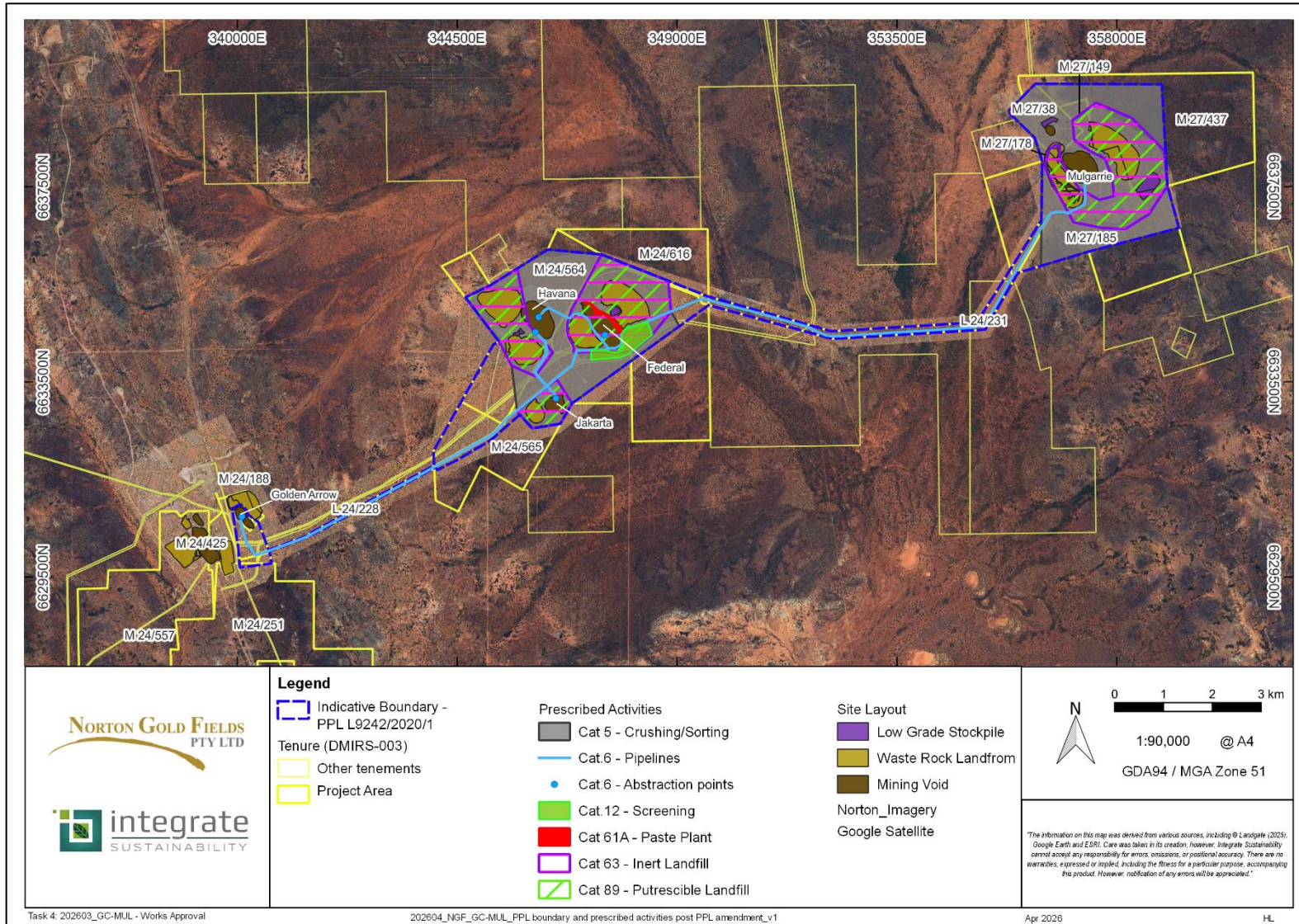


Figure 3 Indicative post-amendment PPL boundary, activity locations and site Layout.

### 3. PROPOSED ACTIVITIES (Attachment 3B)

This Works Approval application proposes the installation of a mobile crushing and screening plant with an ore sorter attachment under Category 5, the construction of a paste plant under Category 61A, and the establishment of inert and putrescible landfills under Categories 63 and 89, respectively. The proposed infrastructure is located outside the current prescribed premises boundary of Licence L9242/2020/1.

The Category 5, Category 63 and Category 89 activities will be undertaken on areas inside the L9242/2020/1 boundary within mining tenements M24/564, M24/565 and M24/616. Additionally, those activities will also be undertaken on M27/38, M27/149, M27/178 and M27/437, as well as portions of M27/185 that are not currently included within the licensed premises boundary (Figure 4).

The activities associated with Category 61A will be undertaken on mining tenement M24/616, located within the prescribed premises boundary (Figure 5).

This application seeks approval for the installation/construction of these activities. The activity location coordinates are detailed in Table 2, Table 3 and Table 4.

*Table 2 Category 5 activity location coordinates.*

Activity Location Coordinates – GDA2020 - Zone 51								
Category 5: Processing and Beneficiation (Mobile crushing/screening and ore sorting)								
Area 1								
ID	Easting	Northing	ID	Easting	Northing	ID	Easting	Northing
1	356474.7	6638022.5	5	358926.4	6639596.1	8	357426.5	6636168.7
2	356326.2	6638497.5	6	359040.8	6637514.6	9	356751.7	6635964.4
3	355775.1	6639037.8	7	359276.9	6636653.4	10	356451.7	6635874.8
4	356334.8	6639608.9						
Area 2								
1	345726.4	6632899.5	6	346353.6	6636211.0	11	346851.6	6633057.4
2	345615.0	6633830	7	347453.1	6636110.9	12	346612.6	6632641.8
3	345355.3	6634327.6	8	348818.6	6635571.9	13	346036	6632545.8
4	344666.2	6635231	9	348877.1	6634940.8	14	345781.6	6632827.2
5	345179.5	6635479.2	10	349048.3	6634639.0			

*Table 3 Category 61A activity location coordinates.*

Activity Location Coordinates – GDA2020 - Zone 51								
Category 61A: Solid Waste Facility (Paste Plant)								
ID	Easting	Northing	ID	Easting	Northing	ID	Easting	Northing
1	347839.8	6634524.4	16	347360.5	6634881.9	31	347169.3	6635119.2
2	347814.6	6634526.9	17	347324.9	6634884.9	32	347220.4	6635104.8
3	347757.2	6634586.4	18	347313.8	6634896.4	33	347260.6	6635083.9
4	347727.3	6634635	19	347310.5	6634917.4	34	347305.6	6635036.7
5	347713.3	6634668.6	20	347305	6634983.8	35	347357.7	6634986.4
6	347699.6	6634692.5	21	347297.4	6635006.5	36	347397.3	6634956
7	347682.7	6634712.2	22	347290.7	6635021.7	37	347487	6634917.9
8	347664.0	6634740.8	23	347280.7	6635037.1	38	347560.2	6634885.6
9	347642.1	6634770.1	24	347253.5	6635065.4	39	347743.2	6634728.2
10	347563.9	6634848.3	25	347231.4	6635079.3	40	347843.3	6634615.9
11	347537.6	6634868.6	26	347192.2	6635099.1	41	347879.8	6634549.6

Activity Location Coordinates – GDA2020 - Zone 51								
Category 61A: Solid Waste Facility (Paste Plant)								
ID	Easting	Northing	ID	Easting	Northing	ID	Easting	Northing
12	347497.0	6634880.9	27	347157	6635113.3	42	347878	6634541.4
13	347462.0	6634886.9	28	347093.4	6635127.4	43	347866.7	6634529.2
14	347424.8	6634885.2	29	347096.4	6635130.5			
15	347393.8	6634878.2	30	347130.8	6635126.1			

Table 4 – Category 63 and 89 activity location coordinates.

Activity Location Coordinates – GDA2020 - Zone 51								
Category 63: Inert Landfill								
Category 89: Putrescible Landfill								
Area 1								
ID	Easting	Northing	ID	Easting	Northing	ID	Easting	Northing
1	356803.1	6637355.5	9	357647.1	6637228.5	17	358313.6	6638905.1
2	356525.6	6637919.1	10	357943.3	6637305.0	18	358973.3	6638239.9
3	356622.4	6638265.7	11	357917.0	6637683.2	19	359040.8	6637514.6
4	356762.0	6638359.1	12	357760.1	6638074.5	20	358662.5	6636936.8
5	356836.7	6638315.5	13	357408.0	6638254.2	21	358182.8	6636631.5
6	356834.9	6638159.8	14	357132.8	6638463.8	22	357708.4	6636653.3
7	356855.4	6638031.8	15	357097.1	6638862.0	23	357119.8	6636768.5
8	357231.7	6637458.0	16	357582.3	6639218.4			
Area 2								
1	345781.6	6632827.2	3	346536.8	6633552.7	5	346612.6	6632641.8
2	345726.4	6632899.5	4	346851.6	6633057.4	6	346036.0	6632545.8
Area 3								
1	345355.3	6634327.6	4	345725.2	6635819.3	7	346459.0	6634102.5
2	344666.2	6635231.0	5	345965.9	6634666.4	8	346099.1	6633614.9
3	345179.5	6635479.2	6	346272.5	6634339.0	9	345615.0	6633830.0
Area 4								
1	346881.6	6634140.3	6	346753.5	6634695.5	11	348877.1	6634940.8
2	346889.7	6634192.0	7	346836.6	6634969.8	12	348495.0	6634467.0
3	346878.5	6634238.5	8	346931.1	6635141.2	13	348064.9	6634114.9
4	346781.4	6634411.3	9	347453.1	6636110.9	14	346878.2	6634108.4
5	346753.6	6634553.7	10	348818.6	6635571.9			

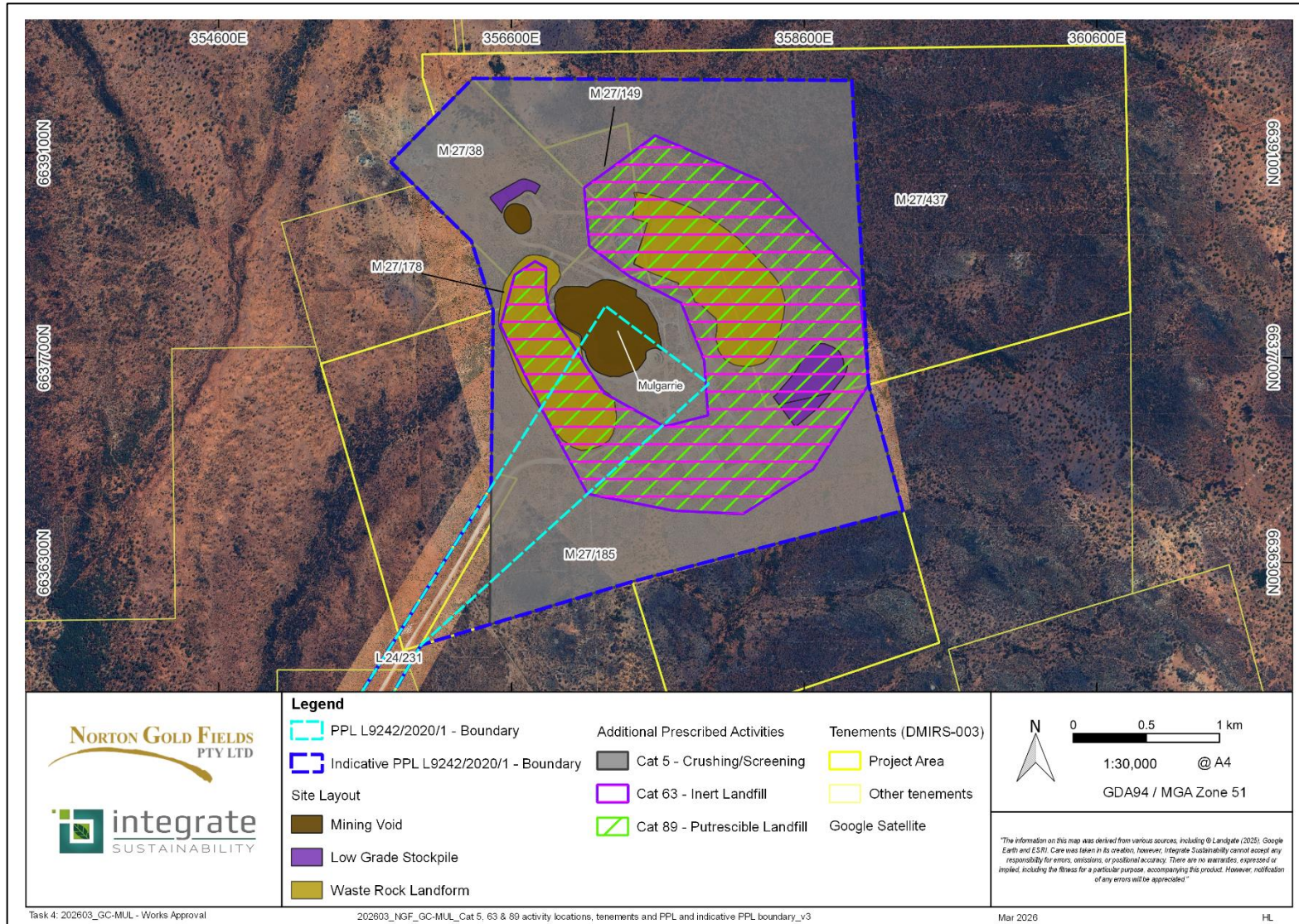


Figure 4 Cat. 5, 63 and 89 activity locations on tenements M27/38, M27/149, M27/178, M27/437 and M27/185, current PPL and Indicative PPL boundaries.

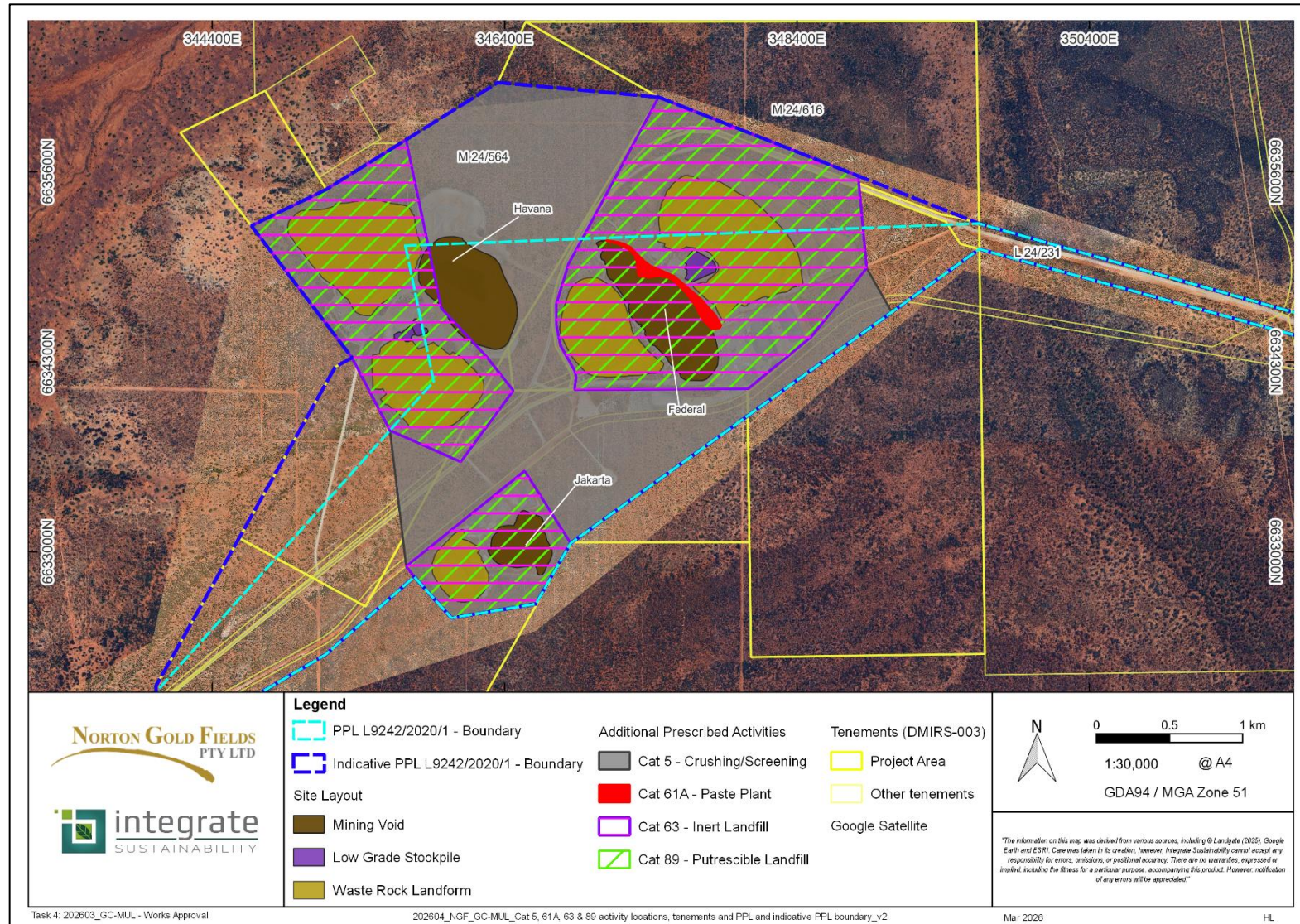


Figure 5 Cat. 5, 61A, 63 and 89 activity locations on tenements M24/564, M24/565 and M24/616, current PPL and Indicative PPL boundaries.

Mobile crushing and screening plant.

Norton plans to install a 1Mtpa mobile crushing and screening plant located in M27/38, M27/149, M27/178, M27/185 and M27/437 (Figure 4), within approved run-of-mine (ROM), low-grade stockpile and waste rock landform (WRL) areas. The crushed and screened material will be sorted using an ore sorter machine. The material of economic value will be transported to Paddington Mill for processing, while the uneconomical material will remain on-site.

The proposed mobile crusher will comprise primary, secondary and tertiary crushers and screeners, and will consist of the equipment (or equivalent) detailed in Table 5.

*Table 5 – Equipment list - Mobile crushing and screening plant.*

Equipment	Description
Primary Crusher	MetsoNW120 or equivalent – capable of up to 2Mtpa
Secondary Crusher	Metso330GPS or equivalent
Secondary Screen	200-CR-0022 Nordberg CVB2060-4 or equivalent
Tertiary Crusher	200-CR-0022 Nordberg CVB2060-4 or equivalent
Auxiliary plant equipment	12 Coveryors
Auxiliary plant equipment	2 Hoppers
Auxiliary plant equipment	3 Feeders
Auxiliary plant equipment	Tramp Metal Magnet

Ore sorting attachment

This works approval application includes the installation of ore sorting infrastructure under Category 5 to enable on-site processing and separation of material. The proposed system will consist of a self-contained unit designed to identify and separate material of economic value from waste rock (Figure 6).

The crushed rock will be transferred from the crushing and screening infrastructure to the ore sorting unit via a belt feed or chute. Once inside the self-contained unit, an XRT sensor and colour camera detect high-grade ore, and compressed air jets physically separate the high-grade ore from the waste rock. The ore sorting equipment will be installed and operated in accordance with relevant regulatory requirements, including registration with the Radiological Council of Western Australia.



*Figure 6 XRT Sorter (HONESORT, 2025).*

Paste Plant

Norton plans to construct and operate a 650,000 tpa paste plant located in M24/616 on the eastern edge of the existing Federal open pit, to support underground mining operations through the backfilling of mined voids and enhance ground stability. The paste plant may

process tailings material sourced from off-site facilities, and/or cement/concrete to produce paste. The paste will be produced using a batching system that mixes dry tailings with mine dewater and a small proportion of Portland cement (3–7%), with a shaft mixer ensuring a consistent, homogeneous blend.

The paste plant will be operated by a PLC-controlled system to regulate mix specifications and moisture content, while preventing pipeline blockages and pressure issues. Supporting infrastructure includes a screw conveyor cement silo, mobile hopper and dry tailings feeder, paste batch mixer, water and compressed air tanks, QA/QC lab, sump and stockpile area.

The paste will be reticulated underground via a borehole from the surface containing a steel conduit with an HDPE 250mm pipeline fed through.

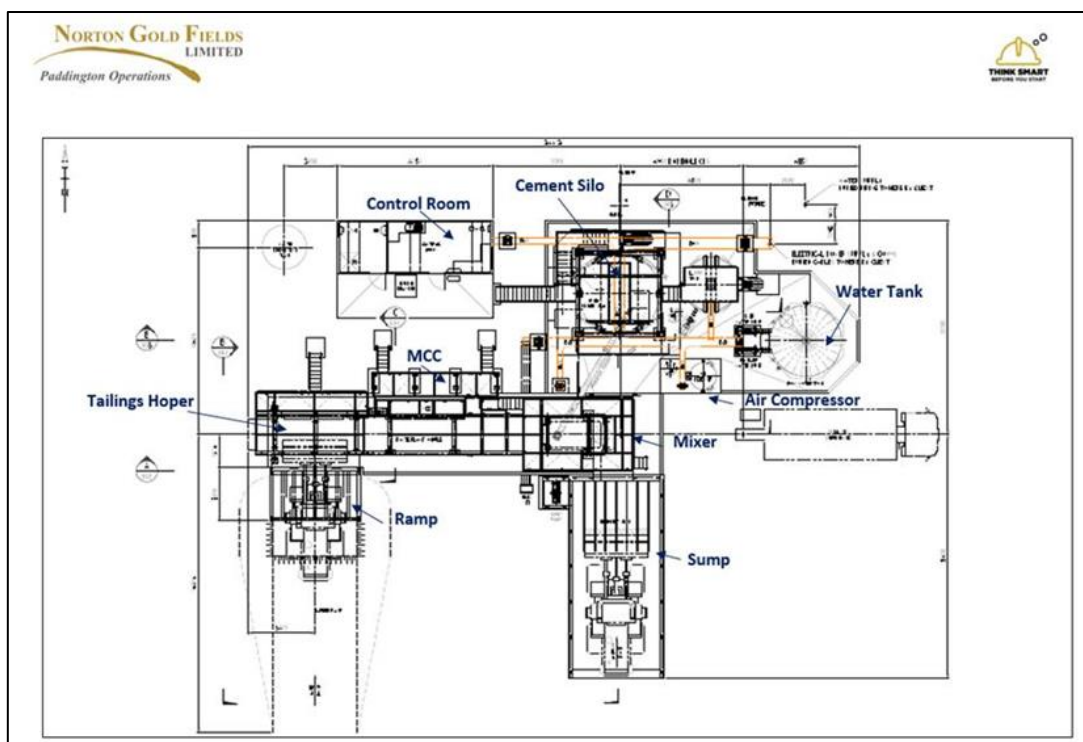


Figure 7 Indicative paste plant layout

#### Inert Landfill

Norton plans to construct and use a 5,000 tpa inert landfill design capacity to assist in managing waste on-site. It will be used for the disposal of chemically inert solid wastes generated by site activities, including oversize rock associated with crushing and screening operations, inert concrete waste, and uncontaminated construction and demolition materials.

The inert landfill will be constructed as shallow trenches on a flat WRL surface, away from sloped edges and drainage features. The landfills will comprise trenches of approximately 100–200 m in length and will be located entirely within approved WRL areas in M27/38, M27/149, M27/178, M27/185, M27/437, M24/564, M24/616 and M24/565 (Figure 4 and Figure 5). The inert waste will be placed into the trenches, progressively compacted, and covered with waste rock.

Depth to groundwater across the project area varies significantly, ranging between 14 and 290 mbgl. Groundwater is highly saline, with total dissolved solids (TDS) concentrations ranging from 27,700 mg/L to 84,200 mg/L, and pH values between 5.9 and 8.6. Due to this elevated salinity, the groundwater is not suitable for potable or agricultural use and is, with no other beneficial uses identified other than mining activities.

The landfill will not alter the approved WRL footprint, height, slope angles or drainage design. No liner is proposed due to the inert nature of the waste and the existing groundwater conditions.

#### Putrescible Landfill

Norton plans to construct and use a 5,000 tpa putrescible landfill to assist in managing waste on site. The landfill will be used for the disposal of putrescible and non-putrescible solid wastes that cannot be recycled or otherwise managed on site, including food waste, general refuse and associated packaging materials.

The putrescible landfill will be constructed as shallow trenches on a flat WRL surface, away from sloped edges and drainage features. The landfill will comprise four trenches, each approximately 100–200 m in length and will be located entirely within approved WRL areas in M27/38, M27/149, M27/178, M27/185, M27/437, M24/564, M24/616 and M24/565 (Figure 4 and Figure 5). The waste will be placed within the landfill cell, compacted and covered daily to minimise odour generation, litter dispersion and attraction of vectors. Clean stormwater will be diverted away from the landfill area.

The construction and operation of the putrescible landfill will not result in any change to the approved WRL footprint, final landform height, slope geometry or drainage design. No liner is proposed due to the inert nature of the waste and the existing groundwater conditions. The landfill will be managed in accordance with waste acceptance criteria and operational controls to minimise the risk of environmental harm.

## 4. CONSULTATION (Attachment 5)

### Stakeholder Consultation

Norton has consulted key stakeholders in the Golden Cities mining area regarding both current and proposed mining infrastructure construction activities. The following local stakeholders have been engaged:

- Adjacent landowners and occupiers
- Broad Arrow Tavern
- City of Kalgoorlie-Boulder (CKB)
- Marlinyu Ghoorlie
- Mount Vettors

Norton has not done any specific stakeholder consultation for this licence amendment, as it is part of previous disturbed activities. However, Broad Arrow town is located 400m from the prescribed premises boundary and consultation with the City of Kalgoorlie-Boulder will happen in due course.

## 5. APPLICANT HISTORY

Norton nor its directors or management team have been charged, convicted, paid a penalty for an offence or had a licence/ work approval suspended or revoked.

## 6. EMISSIONS, DISCHARGES AND WASTE (Attachment 6A)

### Noise

Norton acknowledges that noise will be generated during crushing/screening/ore sorting (Cat. 5), paste plant operation (Cat. 61A) and waste placement (Cat. 63 and Cat. 89) activities. The proposed activities location is approximately 7km from the nearest receptor, which is the town of Broad Arrow.

Norton believes that the proposed activities will not result in an increase in environmental noise risk, as noise emissions are expected to be comparable to those associated with existing licensed operations. Nevertheless, noise will be managed in accordance with Norton's Environmental Noise Management Plan (Norton, 2025a), which includes engineered, operational, and management controls, such as building noise barriers when required and conducting routine equipment maintenance to ensure efficient operation and minimising noise generation. Norton's Environmental Noise Management Plan is available in [Appendix C](#).

### Dust

Norton acknowledges that dust emissions may be generated during the handling, storage and transport of tailings and cementitious materials (Cat. 61A). Dust may also be generated during crushing, screening and ore sorting activities (Category 5), as well as during inert (Cat.63) and putrescible waste placement (Cat. 89), particularly under elevated high conditions. While total dust generation has not been quantified, emissions are actively managed through a combination of engineering, operational and monitoring controls, as outlined in the Dust Management Plan (Norton, 2025b), which is available at [Appendix C](#).

Operational controls include restricting tailings handling during high wind conditions, covering trucks transporting tailings and cementitious materials, and bunding stockpile areas to minimise wind entrainment. A high bund will be constructed around the tailings stockpile to further reduce the potential for off-site dust migration.

Routine visual monitoring of dust emissions is undertaken during operations. Where visible dust is identified, additional controls are implemented, including the deployment of water carts and modification of operational activities. Water carts are routinely used to apply water to stockpiles and high-traffic areas. Chemical dust suppressants may also be applied to unsealed roads and disturbed areas, where required, to further minimise dust generation.

Engineering controls include the use of water spray systems integrated within the mobile crushing circuit and paste plant. These systems are activated in response to observed dust generation and increase the moisture content of processed material by approximately 2%, thereby suppressing airborne particulates at the source.

Complaints are managed in accordance with established procedures, and dust management practices align with the Department of Water and Environmental Regulation (DWER) guideline for managing the impacts of dust and associated contaminants from land development sites, remediation of contaminated sites, and other related activities published in January 2011.

### Odour

The putrescible waste will be placed in the putrescible landfill cell, compacted, and covered with waste rock daily to minimise odour generation, litter dispersion, and vector attraction. The tipping area will be kept as small as practicable to minimise waste exposure.

### Leachate

Clean stormwater will be diverted away from the landfill footprint to prevent runoff from entering the waste disposal areas. The landfill cell will be constructed with a sloped floor that directs any leachate or incidental water toward a centralised sump.

### Stormwater runoff

Norton acknowledges that stormwater runoff may be generated from crushing, screening and ore sorting activities, paste plant operations, and waste placement into landfills. Stormwater will be managed to ensure it is contained within the approved disturbance footprint and does not discharge to surrounding areas.

The internal drainage design of the WRLs will be maintained and improved to ensure that runoff remains contained within the approved disturbed footprint and does not discharge to surrounding areas. The inert and putrescible landfill cells will be bunded, except for the tipping face, to minimise surface water runoff entering the landfill cells. Clean stormwater will be diverted away from the landfill area, and a perimeter drainage bund will be constructed to hold all stormwater within the landfill boundary.

To minimise the risk of off-site sediment transport from the crushing/screening and ore sorting activities, the existing ROM bunding will be maintained and improved as required to enhance sediment retention during rainfall events and overall stormwater control performance. In addition, if required, stormwater sumps and sediment traps will also be constructed within and adjacent to the ROM area to capture runoff, retain sediments and allow stormwater infiltration.

The paste plant will be constructed on a bunded and graded surface designed to divert clean stormwater away from operational areas and direct potentially contaminated runoff to collection sumps for controlled management, ensuring runoff is retained on site, and environmental impacts are minimised.

Concrete bunding will be installed beneath key process areas of the paste plant, including the tailings hopper, mixer, tanks, sump and ramp, where tailings, water and cement are combined to form paste. Bunded areas will consist of reinforced concrete with a minimum thickness of 150 mm, incorporating centrally placed F62 mesh and a 20 MPa design strength, increasing to at least 200 mm in trafficable areas such as the sump and ramp. All bunded areas will be constructed over a compacted sub-base. The general arrangement of the paste plant layout is detailed in Figure 8 and Figure 9.

The bunding will be designed to contain at least 120% of the volume of the largest slurry or mixing tank. Surrounding hardstand areas will comprise compacted in-situ clay soils with low permeability (approximately  $1 \times 10^{-6}$  m/s), compacted to a depth of 150 mm to enhance containment performance.

The tailings storage area will measure approximately 80 m by 80 m and will be enclosed by 2.5 m high bund walls on three sides. The area will be constructed using in-situ clay soils with a permeability of approximately  $1 \times 10^{-6}$  m/s, with foundations further improved through

rolling and compaction to a depth of 150 mm. The bund walls will be formed from paddock-dumped clay loam and compacted using a 70-tonne D10 dozer to ensure adequate structural integrity and containment performance.

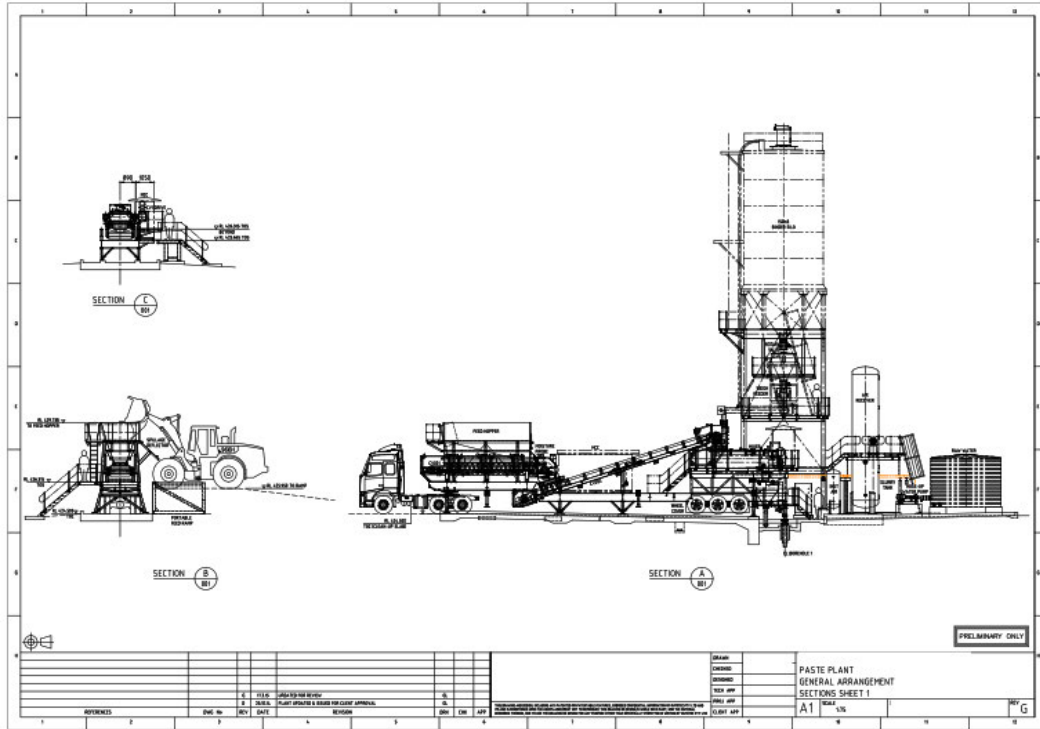


Figure 8 Paste plant indicative general arrangement

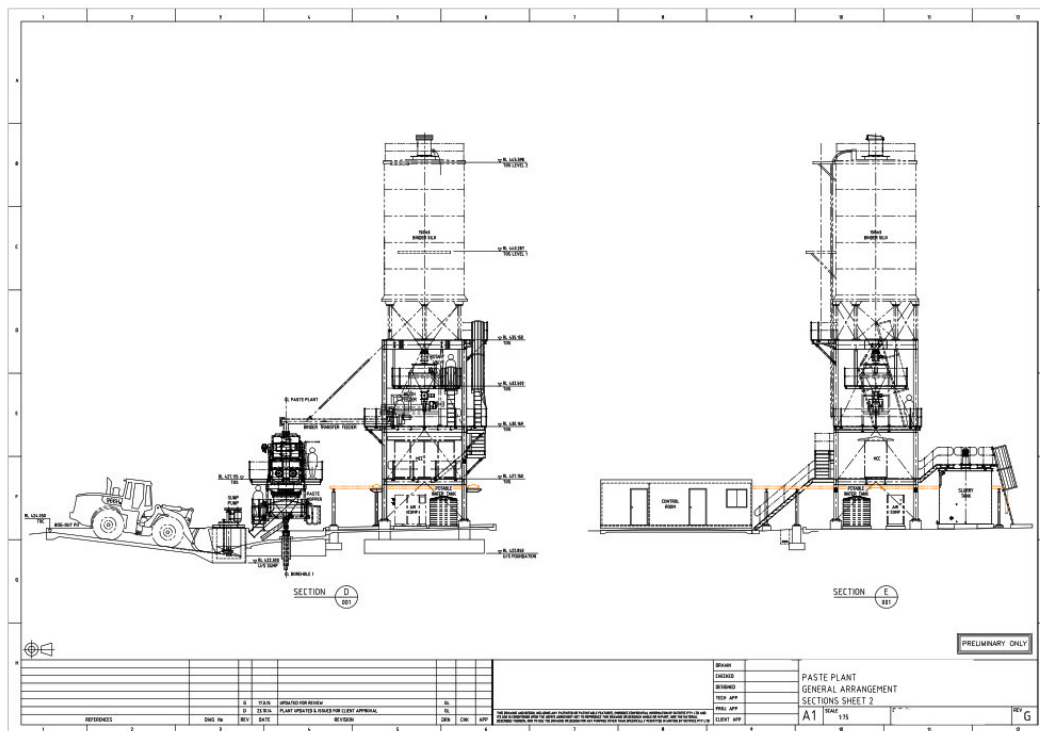


Figure 9 Paste plant indicative general arrangement

## 7. SITING AND LOCATION (Attachment 7)

No Environmental Sensitive Areas (ESAs), Threatened or Priority Ecological Communities (PECs and TECs), Threatened Flora or public drinking water source areas were identified within a 2km radius from the indicative PPL boundary.

### Vulnerable Fauna Species

A review of the publicly available spatial layer DBCA-037 identified five Vulnerable fauna species within a 2km radius of the PPL boundary (Figure 10).

Additionally, five threatened and five migratory species of birds were identified as potentially occurring within the project area following a targeted Fauna and Malleefowl Survey carried out in 2017. Twenty-two Malleefowl mounds were located within the project area, two of which were found to be active. One is located 500m southwest of the Jakarta pit. The other, which was identified at the time to be 'recently active', is located approximately 100m south of the Jakarta pit. Both are outside of the Premises Boundary.

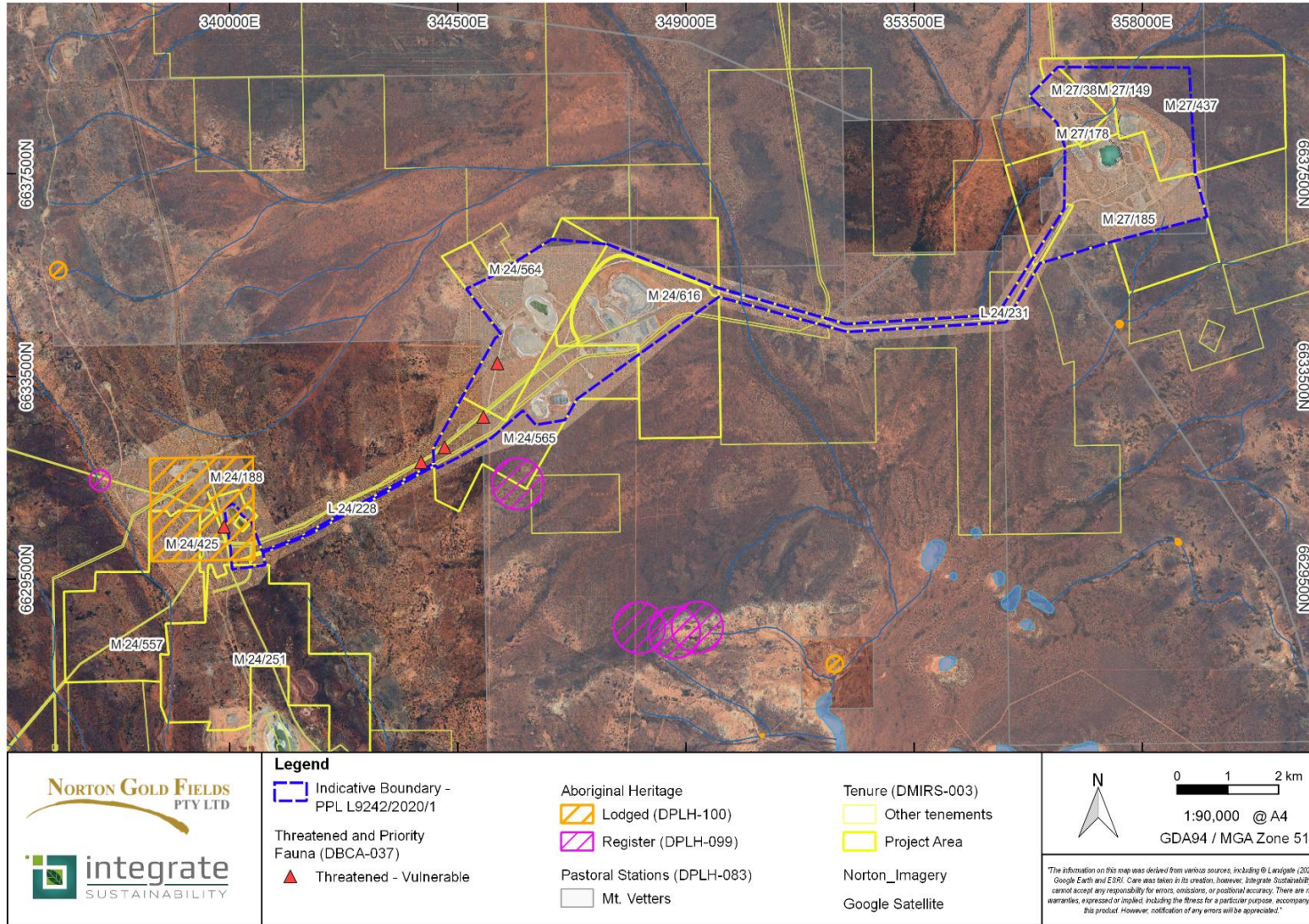
Activities are not to occur within 100m of active or potentially active mounds. A Malleefowl Management Plan and associated reporting and mound marking procedures are in place.

As no clearing is to occur as part of this Works Approval not impact are expected to any Threatened Fauna occurring in the Area.

### Aboriginal Heritage

One registered Aboriginal Heritage site (ID 15989 – Paddington 5) was identified within 700m south of the central section of the Prescribed Premises Licence (L9242/2020/1) boundary (Figure 10). Additionally, one lodged Aboriginal Heritage site (ID 38894 – Broad Arrow Myth Site) has been identified west of the PPL boundary (approximately 5.5km from the proposed activities in this application).

This works approval application is not expected to impact any Aboriginal Heritage sites, as the disturbance is confined to existing or approved as waste rock landforms and run-of-mine areas.



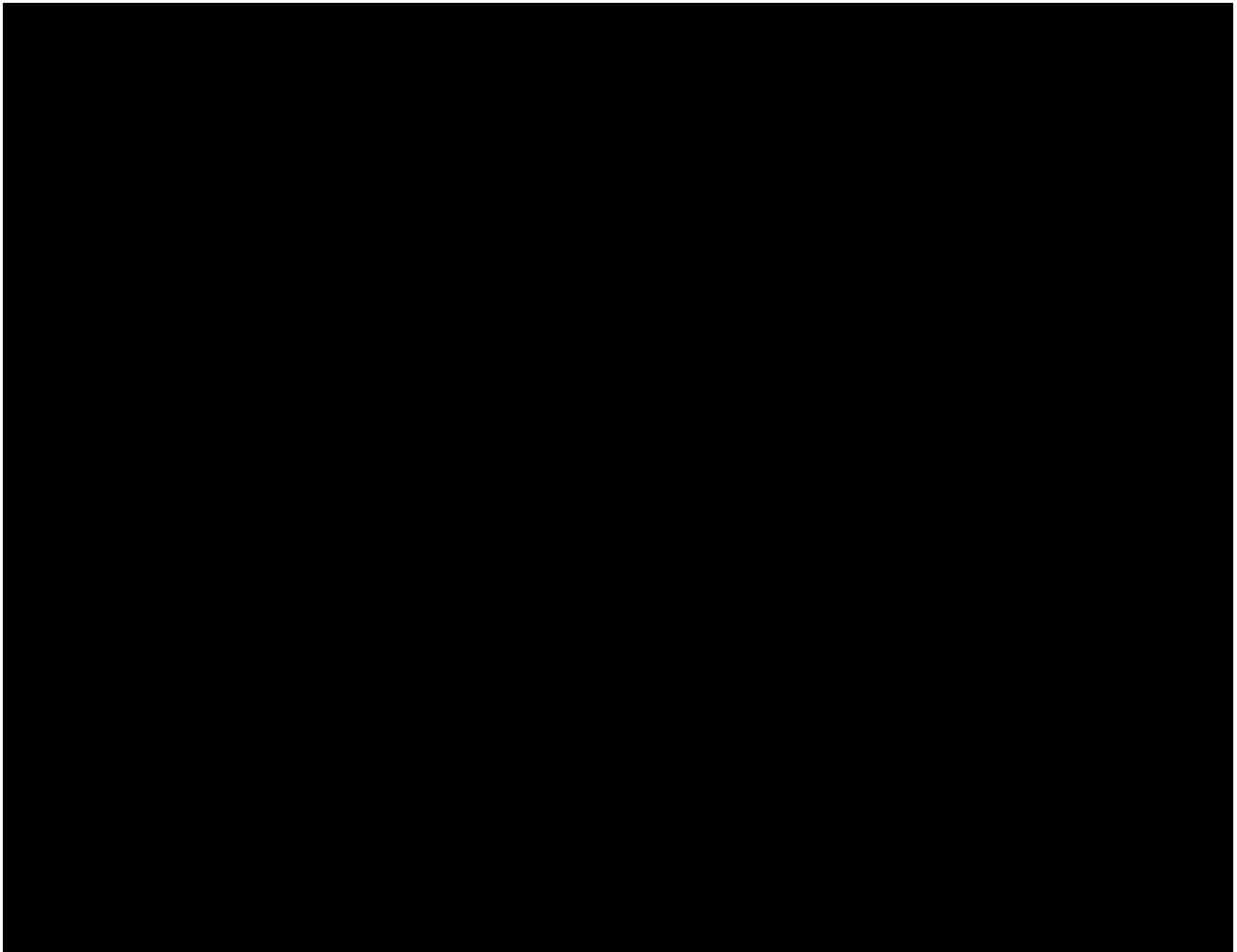
Task 4: 202603\_GC-MUL - Works Approval

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Figure 10 Golden Cities/Mulgarrrie siting and location



Licence Amendment Application  
Supporting Information document  
Golden Cities Operation



Appendix C – Attachment 6A – Emissions

Licence Amendment Application  
Supporting Information document  
Golden Cities Operation



Attachment 6A -1 – Environmental Noise Management Plan

# Environmental Noise Management Plan

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Issue Date: 17/11/2025



## Company Information

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EMS related enquiries to:	environment@padgold.com.au

## Document Control

Document Title	Environmental Noise Management Plan
Document Number:	NGF-ENV-PLN-009-Environmental Noise Management Plan-rev3
Document Type:	Management Plan
Version Number:	3
Issue Date:	17/11/2025
Review Date:	17/11/2027

**THIS DOCUMENT IS UNCONTROLLED IF PRINTED**

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**1. Introduction**

Norton Gold Fields Pty Ltd (Norton) is a wholly owned subsidiary of Zijin Mining Group Limited. Norton is a gold mining company with extensive mining precincts throughout the Goldfields region of Western Australia. Norton's tenure covers an area greater than 1,000km<sup>2</sup> consisting of a number of domains in varying stages of operations.

Norton is aware of its operational footprint and the possible environmental impacts that result from unmanaged mining operations. Norton, in line with its environmental Policy, is committed to continual improvement and adopts an adaptive management approach to all environmental risks from its operations.

**1.1. Purpose, Scope and Objectives**

The Environmental Noise Management Plan details the commitments that Norton makes in regard to noise generated from its activities and operations, and how these commitments are assessed and managed to result in negligible impacts to any nearby sensitive receptors.

The Environmental Noise Management Plan includes environmental noise, airblast, and vibration. This document does not include the management of occupational noise (i.e. workers' exposure to noise in a working environment).

The Environmental Noise Management Plan applies to all Norton sites, and to all phases of exploration, construction, operation, and closure. This plan applies to all employees and contractors at Norton sites.

**2. Legal and Other Obligations**

The legislative obligations and regulatory frameworks (Acts and Regulations) that are relevant to Environmental Noise Management are outlined in Table 2.1, including a brief summary of its application. All Norton representatives are required to comply with all legal obligations that relate to the management of environmental noise associated with Norton operations.

*Table 2.1 Legislative Framework for Environmental Noise*

<b>Legislation</b>	<b>Agency</b>	<b>Application</b>
<i>Environmental Protection Act 1986</i>	DWER	Prevention, control and abatement or pollution and conservation protection and enhancement of environment.
<i>Environmental Protection (Noise) Regulations 1997</i>	DWER	Sets the prescribed standards for noise emissions based on assigned levels, and sets requirements for the measurement, assessment and control of noise emissions.
<i>Mining Act 1978 and Mining Regulations 1981</i>	DMPE	Granting approval for mining operations.

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Legislation	Agency	Application
Work Health and Safety Act 2020 and Safety (Mines) Regulations 2022	DLGIRS	Provisions for the health and safety of workers in workplaces, for the control of risks to health and safety arising from work.

The complete register of Legal Obligations and commitments relevant to Norton Operations are detailed in the Obligations Register for each site. Obligations regarding noise management may be contained in Licences, Works Approvals, or Mining Proposals relevant to each site.

Non-legislative frameworks (Standards and Guidelines) that are relevant to Environmental Noise Management are outlined in Table 2.1.

Table 2.2 Guidelines and Standards for Environmental Noise

Document Type	Author	Document Name
Guideline	DWER	Draft Guideline on Environmental Noise for Prescribed Premises, May 2016
Guideline	DWER	Guideline: Assessment of environmental noise emissions, May 2021
Australian Standard	Standards Australia	AS1055.1–1997: Acoustics - Description and measurement of environmental noise.
Australian Standard	Standards Australia	AS2187.2 Explosives – Storage and use Part 2: Use of explosives.
Australian Standard	Standards Australia	AS2436-2010 Guide to Noise Control on Construction, Maintenance and Demolition Sites.

The relevant Norton management plans and procedures that support the Environmental Noise Management Plan are as follows:

- Blast Management Plan – Open Pit Operations
- Stakeholder Engagement Management Plan

### 3. Environmental Context

Noise emissions can impact environmental values, amenity, and human health. Some of Norton’s operations are located within close proximity to occupied town sites or other sensitive receptors and so may require noise management when operations are active.

- The Enterprise mine is located ~2km from the Ora Banda townsite
- The Paddington Mill is located ~6km from the Broad Arrow townsite
- The Binduli operations are located ~10km from the Kalgoorlie townsite

Significant noise sources exist in a standard mining operation and these include:

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- Construction of infrastructure
- Mobile mining equipment movement and operation (e.g. excavators, haul trucks, dozers, graders, and ancillary vehicles)
- Crushing, screening, and rock breaking
- High noise maintenance activities such as thermal lancing
- Blast sirens
- Blasting

#### **4. Impact and Risk Assessment**

Norton utilises a standardised risk assessment approach which is consistent with the risk management process as established by ISO 31000:2018 and adopted within DMPE approval framework. The method for undertaking a Risk Assessment is prescribed in Norton's Risk Assessment Procedure.

A summary of the risks associated with Environmental Noise Management has been provided in Table 4.1.

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Table 4.1 Environmental Noise Risk Assessment Summary

Potential Impact	Risk Pathway	Inherent Risk	Management Controls	Residual Risk
Noise exceeds assigned noise levels	New project or activity	Medium	<ul style="list-style-type: none"> <li>Noise assessment and modelling.</li> <li>Use existing landforms/infrastructure as noise barriers where possible when planning new projects or activities.</li> </ul>	Low
	Construction of new site	High	<ul style="list-style-type: none"> <li>Preparation of a Construction Noise Management Plan.</li> </ul>	Medium
	Mobile mining equipment movement and operation	Medium	<ul style="list-style-type: none"> <li>Vehicular traffic kept in defined areas.</li> <li>Trafficked areas situated to minimise impacts on nearby sensitive receptors.</li> <li>Equipment regularly maintained.</li> </ul>	Low
	Crushing, screening, rock breaking, and other activities	Medium	<ul style="list-style-type: none"> <li>Rock breaking only on the ROM during daylight hours.</li> <li>Selection of quiet equipment.</li> <li>Equipment regularly maintained.</li> <li>Noise Protection Bunds or barriers used if required.</li> <li>Certain work activities restricted to avoid nights, Sundays, and Public Holidays, if required.</li> <li>Inductions and training of workers including noise.</li> </ul>	Low
	High noise maintenance activities	Medium	<ul style="list-style-type: none"> <li>Thermal lancing only conducted during daylight hours within designated hot work area</li> </ul>	Low
	Blast sirens	Medium	<ul style="list-style-type: none"> <li>Blast sirens only used during daylight hours, for 10-15 minutes per blast as required for safety</li> </ul>	Low
Blasting airblast & vibration impacts sensitive receptor	Open pit blasting	High	<ul style="list-style-type: none"> <li>Blasting with the potential to impact sensitive receptors conducted only under suitable climatic conditions.</li> <li>Unconfined blasts will not be undertaken unless necessary.</li> <li>Unconfined blasts will occur during daylight hours Monday to Saturday.</li> </ul>	Medium

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Potential Impact	Risk Pathway	Inherent Risk	Management Controls	Residual Risk
Community complaints	Noise impacts to community	Medium	<ul style="list-style-type: none"> <li>• Airblast and vibration limits set for each class of sensitive receiver nearby, and blast designs only issued that are predicted to achieve levels below the limits.</li> <li>• Inductions and training of workers.</li> <li>• Advise all nearby occupants or other sensitive receptors who are likely to receive high noise levels of the work to be done at least 24 hours before it commences.</li> <li>• Other management controls as listed above</li> </ul>	Low

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## **5. Environmental Management Strategies**

### **5.1. Noise Assessment & Modelling**

Prior to undertaking a mining activity, Norton undertakes a desktop risk assessment which may trigger third party assessment into the possible noise impacts associated with the proposed mine; including mobile equipment and noise associated with blasting. The primary trigger for undertaking a third-party assessment relates to the proximity of the proposed mine to nearby sensitive receptors.

Noise assessments should be undertaken by a person qualified and experienced in the area of environmental noise assessment and who by their qualifications and experience is eligible to hold membership of the Australian Acoustical Society or the Australian Association of Acoustical Consultants.

Depending on the resultant risk assessment, an environmental noise assessment study will be undertaken based on computer noise modelling (operational noise) and recognised equations (blasting noise and vibration). The predicted noise levels will then be assessed against the prescribed standards from the *Environmental Protection (Noise) Regulations 1997* (see Appendix A). Noise model inputs may include ground types, topography, weather conditions, receiver positions and propagation algorithms.

Noise assessment results may be included in approvals applications for confirmation regarding whether noise is likely to affect any sensitive receptors nearby, and if so, what management measures will be undertaken.

### **5.2. Construction Sites**

If a new site is to be constructed, then refer to Regulation 13 of the *Environmental Protection (Noise) Regulations 1997*. DWER may require the preparation of a Construction Noise Management Plan before the work starts, which will include details of construction activities, predictions of noise emissions, and details of mitigation measures and monitoring. Work must be undertaken in accordance with AS2436-2010.

### **5.3. Mitigation for Operations**

In order to ensure noise, airblast levels and vibrations from open cut mining do not cause a breach of the relevant environmental legislation or standards, Norton have developed the following control measures:

- When planning new projects or activities where noise is generated, existing landforms or site infrastructure are to be used as noise barriers where possible.
- Where practical, vehicular traffic will be kept on formed roads, waste dumps, and within the open pit. Where possible, these areas will be situated to minimise the risk of adverse noise impacts on nearby sensitive receptors.
- Rock breaking activities will be preferentially conducted on the ROM ore pad during daylight hours.
- Selection and use of equipment that is the quietest reasonably available.

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- Equipment will be regularly maintained, particularly items that through wear and tear can increase noise output.
- Inductions and training of staff and operators on site will identify the potential impact of noise, airblast, and vibration on the local community, and will include noise control measures to be used on site.

These additional control measures can be implemented if identified to be required:

- Noise Protection Bunds can be constructed to provide protection to the community during construction and mining.
- Use of shipping containers as a barrier to potential noise emissions from exploration drill rigs within close proximity to sensitive areas.
- Certain work activities can be restricted between 19:00 and 07:00 and excluding Sundays and Public Holidays.
- Advise all nearby occupants or other sensitive receptors who are likely to receive noise levels which fail to comply with the standard under Regulation 7, of the work to be done at least 24 hours before it commences.

#### **5.4. Mitigation for Blasting**

Blasting noise levels are covered by Regulation 11 of the *Environmental Protection (Noise) Regulations 1997*. These should be referred to for the appropriate airblast level limits.

In order to ensure noise, airblast levels and vibrations from open pit blasting do not cause a breach of the relevant environmental legislation or standards, Norton have developed the following control measures:

- Blasting with the potential to cause adverse airblast or vibration generation at sensitive receptors will be conducted only under suitable climatic conditions, unless safety concerns take precedence.
- Unconfined blasts will not be undertaken unless necessary. If it is necessary then unconfined blasting will be kept to a minimum, will occur during daylight hours Monday to Saturday, noise and vibration monitoring will be undertaken, and local residents will be given 24 hours' notice. Should this type of blasting become routinely necessary the restrictions will only be reduced when monitoring indicates levels are well below the noise regulations.
- The Quarry Manager, or person designated by them, shall maintain a list of sensitive receivers (including rail lines, heritage sites, and powerlines) around the blasting areas that could be impacted by airblast overpressure, ground vibration, fly-rock, fume and dust.
- A suitably qualified person shall propose airblast and vibration limits for each class of sensitive receiver on the sensitive receiver list. The air-blast limits shall be specified as maximum air-blast overpressure in decibels Linear (dBL). The vibration limits shall be specified as maximum Peak Component Particle Velocities (PCPV) with units of millimetres per second (mm/s).
- A prediction of the likely PCPV shall be calculated the closest sensitive receivers for all blasts within 500m of the sensitive receiver, and the blast designer shall

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issue only blast designs that are predicted to achieve an air-blast overpressure and vibration level below each sensitive site's limits.

### **5.5. Monitoring**

Noise monitoring will be undertaken at various locations during projects identified as potentially creating noise impacts (on and off site.) Preliminary survey noise monitoring will be undertaken prior to the commencement of the activity to determine baseline noise levels. Follow-up noise monitoring will be undertaken, usually during the first month of operations, so that the activities' noise impacts can be quantified on key residential receivers. Assigned noise levels are provided in Appendix A.

Requirements for noise monitoring may be included in conditions on Approvals. Noise measurement must be undertaken in accordance with Part 3 of the *Environmental Protection (Noise) Regulations 1997*, with sound measuring equipment compliant with Schedule 4 of the *Environmental Protection (Noise) Regulations 1997*.

Blast monitoring is outlined in the ***Blast Management Plan – Open Pit Operations***. The Quarry Manager, or person designated by them, shall implement monitoring for open pit blasting when deemed necessary. A suitable number of temporary or permanent blast monitoring stations should be established at close proximity to the infrastructure sites and the closest residential dwellings. The monitors shall be installed in accordance with the recommendations of Australian Standard AS2187.2. The collected monitoring results and blast parameters should be used to systematically update and refine the modelling prediction equations or the site's specific conditions.

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Table 5.1 Summary of Environmental Noise Management Measures

Objective	Management Strategy	Monitoring	Frequency	KPIs
Predict potential noise impacts of new mining activities.	Undertake noise assessment and modelling. Identification of noise management measures.	Desktop risk assessment, followed by environmental noise assessment study with noise modelling if required.	As needed, prior to new activities.	Approval of new projects. No community complaints.
Compliance with noise limits during construction of new sites.	Preparation of a Construction Noise Management Plan. Identification of noise management measures.	As per commitments in the Construction Noise Management Plan or conditions of Approvals.	As needed, for construction.	No exceedances of noise limits. No community complaints.
Blasts do not damage nearby sensitive sites.	Blast modelling to predict likely PCPV for all blasts within 500m of a sensitive receiver.	Blast monitoring.	All open pit blasts	All blasts achieve an air-blast overpressure and vibration level below each sensitive site's limits.
Compliance with noise limits and conditions of approvals.	Standard noise control measures, and additional noise control measures if required.	Noise monitoring undertaken during projects identified as potentially creating noise impacts.	Preliminary survey noise monitoring undertaken prior to commencement. Follow-up noise monitoring undertaken during operations.	No exceedances of noise limits. Compliance with all conditions of approvals.

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## 6. Roles and Responsibilities

All personnel in the organisation have varying roles, responsibilities and authorities for managing environmental aspects, action plans, programs and controls. The accountabilities related to environmental noise management are broadly documented in Table 6.1.

*Table 6.1 Key Accountabilities for Environmental Noise Management*

<b>Role</b>	<b>Accountabilities</b>
<i>Executive Team</i>	<ul style="list-style-type: none"> <li>• Accountability for the compliance of all operations and activities undertaken by Norton.</li> <li>• Commit to provide resources (including human resources, organisational infrastructure, technological and financial) essential to the implementation and control of the EMS.</li> <li>• Demonstrate effective leadership with respect to matters concerning environmental management and compliance.</li> </ul>
<i>Environmental Department</i>	<ul style="list-style-type: none"> <li>• Ultimate responsibility for the implementation of the Environmental Noise Management Plan.</li> <li>• Review and update the Environmental Noise Management Plan as required.</li> <li>• Maintain legal obligation registers and environmental noise tracking data in spatial registers.</li> <li>• Provide timely and accurate advice on all matters concerning environmental noise management and environmental compliance.</li> <li>• Conduct environmental inspections and monitoring.</li> </ul>
<i>Open Pits Mining Department</i>	<ul style="list-style-type: none"> <li>• Responsibility for management and monitoring of noise and vibration from open pit blasting activities</li> </ul>
<i>Department Managers</i>	<ul style="list-style-type: none"> <li>• Communicating relevant matters of the EMS to employees and others working on behalf of the organisation.</li> <li>• Accountability for environmental performance and compliance within their department.</li> <li>• Engage with the Environmental Department for advice and guidance when the need arises.</li> <li>• Demonstrate effective leadership with respect to matters concerning environmental management and compliance.</li> </ul>
<i>Employees and Contractors</i>	<ul style="list-style-type: none"> <li>• Actively identify environmental risks and hazards in the workplace and appropriately report them.</li> <li>• Adhere to the requirements of this document.</li> <li>• Undertake tasks and provide services in a manner that minimises harm to the environment.</li> <li>• Comply with the requirements of EMS, including the Environmental Noise Management Plan, as a minimum standard.</li> </ul>

## 7. Record Keeping

Reports from noise assessments and modelling are stored electronically by the Environmental Department on the P: drive.

Blast monitoring data is stored electronically by the Open Pits Mining Department on the T: Drive. Blast monitor recordings shall be downloaded and saved by blast designers on the company digital storage system. The blast designers shall maintain a

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record of all monitoring measurements and the relevant blast parameters used for each blast.

## 8. Reporting

Any occurrence where there is a deviation from the management controls and practices or performance indicators, represents a non-conformance. It is a requirement of all personnel that any non-conformances, including environmental incidents, are reported via Evotix and investigated as per Norton's Incident Reporting and Investigation Procedure (NGF-WHS-PRO-001).

Norton understands certain incidents that has impacted or has the potential to impact the environment or has resulted in the breach of licence or tenement conditions may require reporting to the regulator. All reporting will be done at the discretion of the Environmental Department within the required timeframes. Norton has developed an Incident Response and Notification Procedure to ensure regulatory compliance is met. The below list provides examples of when external reporting may be required:

- Noise above the assigned levels
- Airblast above a sensitive site's limit
- Community complaints

All blast events where the dBL or PCPV recorded by the monitor exceeds the sensitive site's limits shall be formally investigated by the Quarry Manger, or person designated by them, and recommendations for preventing subsequent incidents identified and then communicated to the site blast design team for implementation.

Where noise monitoring is required as conditions of an Approval, then the noise emissions monitoring results may be included in compliance reporting submitted to the relevant regulator.

## 9. Complaints

Norton has a complaints management system in place for recording and tracking all community complaints, including those regarding noise. In the event of complaints from the community regarding noise, the following response process may be undertaken.

- The complaint will be recorded in Evotix. As much detail as possible is to be recorded, including date and time, location, type of noise, and contact details of the complainant.
- The Department Manager for the relevant operational area will immediately review current activities and determine significant sources of noise. If noise levels are potentially above acceptable values and likely to be due to mining activity, then significant noise sources will cease (pending further investigation) where this would not impact on safety.

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- An investigation will be undertaken by Norton that may require an interview with the complainant, analysis of noise monitoring data, and assessment of the effectiveness of noise management controls.
- An action plan will be developed based on the findings of the investigation. This could include adjusted work practices, repair/maintenance/replacement of equipment, undertaking additional noise monitoring, and/or implementation of additional noise management controls.
- Feedback on the outcomes of the investigation and the action plan will be provided to the complainant in a timely manner.

**10. Corrective Actions**

The outcomes of audits and internal reporting will drive the requirements for corrective actions. These will be based on additional or revised training and controls, revised procedures and practices.

Corrective actions will be implemented on an as needs basis, depending on the significance of that action and the resulting outcome. The Environmental Department will be responsible for communicating those corrective actions and incorporating those changes into the appropriate documentation and procedures.

**11. Review**

This management plan will be reviewed biennially or at such time as the project scope changes. The revision status will be recorded as directed by Norton's Document Control Procedure. The review will seek to incorporate any new information, research outcomes and changes to technology and techniques.

**12. Terms and Definitions**

*Table 12.1 Terms and Definitions for Environmental Noise Management*

<b>Term</b>	<b>Definition</b>
A-weighted noise	A noise level that has been filtered in such a way as to represent the way in which the human ear perceives sound
Airblast	A noise level resulting from blasting
Decibel (dB)	The unit that describes the sound pressure and sound power levels of a noise source. It is a logarithmic scale referenced to the threshold of hearing.
Decibels linear (dBL)	Decibels linear indicates that the measurement is not frequency weighted, meaning it represents the raw, unadjusted sound pressure level.
DLGIRS	Department of Local Government, Industry Regulation and Safety – branch of the Western Australian Government
DMPE	Department of Mines, Petroleum and Exploration – branch of the Western Australian Government
DWER	Department of Water and Environmental Regulation – branch of the Western Australian Government

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<b>Term</b>	<b>Definition</b>
Environmental noise	Noise emitted from all sources except noise at the industrial workplace.
Impulsiveness	An impulsive noise source has a short-term banging, clunking or explosive sound.
L <sub>Amax</sub>	The maximum A-weighted noise level.
L <sub>A1</sub>	The A-weighted noise level which is exceeded for one percent of the measurement period and is considered to represent the average of the maximum noise levels measured
L <sub>A10</sub>	The A-weighted noise level which is exceeded for 10 percent of the measurement period and is considered to represent the “intrusive” noise level.
Modulation	A modulating source is regular, cyclic and audible and is present for at least 10% of the measurement period.
Noise	Vibration of any frequency, whether transmitted through air or any other physical medium.
Noise sensitive receptor	Individuals / communities which could be adversely affected by noise emissions such as residences, offices, caravan parks, worship areas, and educational facilities.
PCPV	Peak Component Particle Velocities is a measurement of the maximum vibration in a period of time.
Tonality	A tonal noise source can be described as a source that has a distinctive noise emission in one or more frequencies. Examples are whining or droning.

### 13. Version Control

#	Issue Date	Revisions:	Author	Reviewer	Approver
1	27/7/2012	Initial document	W. Astill	P. Gent	T. Moylan
2	2/11/2017	Updated and revised document to apply to all of NGF operations	T. Pawlyk	W. Astill	R. Ryan
3	17/11/2025	Periodic review and update, and inclusion of Binduli	C. Pennifold	C. Woods	D. Stewart

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**Appendix A – Assigned Noise Levels**

Regulation 7 of the *Environmental Protection (Noise) Regulations 1997* defines the prescribed standard for noise emissions as follows:

- “7. (1) Noise emitted from any premises or public place when received at other premises –
- (a) Must not cause or significantly contribute to, a level of noise which exceeds the assigned level in respect of noise received at premises of that kind; and
  - (b) Must be free of –
    - i. Tonality;
    - ii. Impulsiveness; and
    - iii. Modulation”

Regulation 8 of the *Environmental Protection (Noise) Regulations 1997* specifies the baseline assigned noise levels as shown below in Table A1 below.

Table A1: Assigned Noise Levels

Type of premises receiving noise	Time of day	Assigned Level (dB)		
		LA10	LA1	LAm <sub>ax</sub>
Noise sensitive premises: highly sensitive area	0700 to 1900 hours Monday to Saturday	45 + influencing factor	55 + influencing factor	65 + influencing factor
	0900 to 1900 hours Sunday and public holidays	40 + influencing factor	50 + influencing factor	65 + influencing factor
	1900 to 2200 hours all days	40 + influencing factor	50 + influencing factor	55 + influencing factor
	2200 hours on any day to 0700 hours Monday to Saturday and 0900 hours Sunday and public holidays	35 + influencing factor	45 + influencing factor	55 + influencing factor
Noise sensitive premises: any area other than highly sensitive area	All hours	60	75	80
Commercial premises	All hours	60	75	80
Industrial and utility premises other than those in the Kwinana Industrial Area	All hours	65	80	90

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## DOCUMENT REVIEW CONTROL FORM

### Section A – To be completed by Author/Document Owner

Name of Document: Environmental Noise Management Plan	
New Document: <input type="checkbox"/>	Revision <input checked="" type="checkbox"/>
Document Type: Management Plan	
Document Purpose/ Purpose of change: Periodic review and update and inclusion of Binduli	
Date of Next Review: November 2027	
Author/Reviewer: [REDACTED]	[REDACTED]
Document Owner: [REDACTED]	[REDACTED]

### Safety Management System

- |                                                               |                                                            |                                                 |
|---------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------|
| <input type="checkbox"/> Leadership, Accountability & Ethics  | <input type="checkbox"/> Legal compliance Document Control | <input checked="" type="checkbox"/> Community   |
| <input type="checkbox"/> Planning, Resources, Objectives etc. | <input type="checkbox"/> Operations & Maintenance          | <input type="checkbox"/> Project Management     |
| <input type="checkbox"/> Competency & Behaviour               | <input type="checkbox"/> Health and Occupational Hygiene   | <input type="checkbox"/> Product Stewardship    |
| <input type="checkbox"/> Communication & Consultation         | <input type="checkbox"/> Biodiversity & Land Management    | <input type="checkbox"/> Incident Management    |
| <input type="checkbox"/> Risk and Change Management           | <input type="checkbox"/> Contractors, Suppliers & Partners | <input type="checkbox"/> Assessment & Reporting |
| <input type="checkbox"/> Emergency Management                 |                                                            |                                                 |

### Section B - Review (Senior Site Executive and Operational Managers to nominate reviewers if required)

[REDACTED]

[REDACTED]

[REDACTED]

Licence Amendment Application  
Supporting Information document  
Golden Cities Operation



Attachment 6A -2 – Dust Management Plan

# Dust Management Plan

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### Company Information

Company Name:	Norton Gold Fields Pty Ltd
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EMS related enquiries to:	environment@padgold.com.au

### Document Control

Document Title	Dust Management Plan
Document Number:	NGF-ENV-PLN-016-Dust Management Plan-Rev0
Document Type:	Management Plan
Version Number:	1
Issue Date:	17/12/2025
Review Date:	17/12/2027

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## 1. Introduction

Norton Gold Fields Pty Ltd (Norton) is a wholly owned subsidiary of Zijin Mining Group Ltd, is a gold mining company with extensive operations across the Goldfields region of Western Australia. Norton's tenure covers more than 1,000 km<sup>2</sup> and encompasses multiple domains various stages of exploration, development, and production.

Norton recognises its operational footprint and the potential environmental impacts that can result if mining activities are not appropriately managed. In line with its *Environmental and Community Policy*, Norton is committed to continual improvement and applies an adaptive management approach to addressing environmental risks across its operations. This plan forms part of Norton's broader Environmental Management System (EMS).

### 1.1. Purpose, Scope and Objectives

The purpose of this Dust Management Plan (DMP) is to outline the strategies and controls Norton employs to minimise dust emission, mitigate associated risks, and ensure compliance with relevant statutory requirements. The DMP is followed to minimise the generation and dispersion of dust from the Norton Gold Fields' mining operations in the Kalgoorlie-Boulder region. The DMP provides a structured framework to protect the health of workers, nearby communities, and the surrounding environment, while ensuring compliance with applicable regulatory standards. Effective dust suppression also supports operational efficiency by improving visibility, reducing equipment wear, and enhancing road safety.

### Scope

This Plan applies to all Norton operations and covers all activities where dust may be generated, including but not limited to:

- Drilling, blasting, and excavation activities
- Haulage and traffic on unsealed roads
- Crushing, grinding, material transfer and processing operations
- Management of stockpiles, tailing storage facilities (TSF), and waste rock dumps (WRD)
- Decommissioning, site closure, and rehabilitation activities.

The DMP is applicable throughout the entire mine life cycle, from exploration and construction through to operation, closure, and post closure rehabilitation, ensuring dust is effectively managed at all stages.

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## Objectives

The objectives of the DMP are to:

- Health and Safety
  - Protect the health of workers and nearby residents by minimising exposure to respirable dust and other harmful airborne particulates.
  - Maintain safe working conditions by ensuring adequate visibility and reducing dust-related hazards.
- Environmental Protection
  - Prevent adverse impacts of dust on vegetation, soil, and water sources.
  - Minimise off-site dust deposition and reduce the environmental footprint operations.
- Regulatory Compliance
  - Ensure compliance with relevant local, State, and Commonwealth legislation and guidelines relating to air quality and dust management.
  - Align with requirements of the National Environmental Protection Council (NEPC) Ambient Air Quality Standards and guidance from the Department of Water and Environmental Regulation (DWER).
- Community Engagement
  - Reduce dust impacts on nearby residential areas, agricultural land, and culturally significant sites.
  - Proactively communicate dust management practices and performance to stakeholders, fostering transparency and trust.
- Operational Efficiency
  - Implement cost-effective dust suppression measures that improve operational efficiency, reduce maintenance costs, and extend the life of equipment and infrastructure.
  - Ensure dust controls are integrated into operations without compromising productivity.

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**2. Legal and Other Obligations**

Norton Gold Fields operates under a range of legislative and regulatory frameworks that govern the management of dust emissions. The key Acts, Regulations, and national standards relevant to dust management are summarised Table 2-1 below. These obligations apply across all Norton operations, and all Norton representatives are required to comply with applicable provisions.

*Table 2-1: Environmental Legislative Framework*

Legislation	Agency	Application
<i>Environmental Protection Act 1986</i>	DWER	Provides the framework for the regulation and enforcement of environmental standards, including air quality management, to protect the environmental and public health.
<i>National Environment Protection (Ambient Air Quality) Measure 2021</i>	NEPC	Establishes national standards and monitoring protocols to ensure ambient air quality that allows for the adequate protection of human health and well-being.
<i>Work Health and Safety Act 2020</i>	DLGIRS	Requires companies to identify, assess, and control dust hazards in the workplace to protect the health and safety of workers.
<i>Mining Act 1978</i>	DMPE	Provides the legal framework for mining operations in Western Australia, including requirements to minimise environmental impacts
<i>National Environment Protection (National Pollution Inventory) Measure 1998</i>	DCCEEW	Requires the reporting of fugitive dust emissions and other pollutants released to environment.

Specific conditions or commitments related to dust management may be included in approval documents such as Licences, Works Approvals, and Mining Proposals. Nortons maintains a comprehensive Obligations Registers that detail all legal requirements and commitments relevant to its operations. The registers are maintained by the Environmental Department and are accessible to site personnel to ensure ongoing compliance.

**3. Environmental Context**

Dust emissions are a significant environmental consideration in mining. Activities such as drilling, blasting, haul road operations, and ore processing generate dust that can:

- Affect the health and safety of workers and local residents through exposure to respirable particulates and other airborne particulates.
- Damage to local ecosystems by depositing on vegetation, altering soil structure, and affecting surface water quality.

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- Reduce amenity for surrounding communities through nuisance dust and visibility impacts.

This DMP outlines specific control measures to reduce dust generation and dispersion. Compliance is achieved through a combination of:

- Continuous dust monitoring and reporting,
- Application of best practice dust suppression techniques,
- Adherence to relevant regulatory standards and licence condition, and
- Engagement with nearby communities and stakeholders.

Dust control strategies must also remain adaptive, taking into account variable weather conditions such as wind speed, temperature, and rainfall. By integrating these measures, the DMP contributes to:

- Protection of public health and worker safety,
- Conservation of local biodiversity and environmental values, and
- Sustainable mining practices that support Norton's social licence to operate.

#### **4. Impact and Risk Assessment**

Norton applies a standardised risk assessment methodology that aligns with the principles of ISO 31000:2018 Risk Management and the Department of Mines Petroleum and Exploration (DMPE) approval framework. The process is implemented in accordance with Norton's *Risk Assessment Procedure*.

A summary of key risks associated with dust emissions, together with their potential impacts and control measures, is provided in Table 4-1.

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*Table 4-1: Risk Assessment Summary*

Potential Impact	Risk Pathway	Inherent Risk	Management Controls	Residual Risk
Air Quality Degradation	Dispersion of dust particles to surrounding areas, reducing ambient air quality.	High	<ul style="list-style-type: none"> <li>Water spraying on haul roads, stockpiles, and exposed surfaces.</li> <li>Dust suppression sprays on conveyors and other applicable machinery.</li> <li>Application of chemical suppressants where appropriate.</li> </ul>	Low
Health Risks to Workers	Inhalation of airborne dust during mining and processing activities.	High	<ul style="list-style-type: none"> <li>Use of Personal protective equipment (PPE).</li> <li>Health monitoring and surveillance programs.</li> <li>Training and awareness for workers.</li> </ul>	Medium
Impact on Local Communities	Dust drifting into residential, public, or sensitive receptive areas, reducing amenity and air quality	High	<ul style="list-style-type: none"> <li>Installation of vegetative barriers or windbreaks.</li> <li>Dust monitoring.</li> <li>Engagement with community on dust management practices.</li> </ul>	Low
Damage to Ecosystems	Dust deposition on vegetation, soils, and surface water impacting ecosystem health.	High	<ul style="list-style-type: none"> <li>Implementation of site-wide dust suppression measures.</li> <li>Monitoring dust deposition on vegetation and surrounding environment.</li> </ul>	Medium
Regulatory Non-Compliance	Exceedance of statutory or licence dust emission limits, leading to enforcement actions or fines	High	<ul style="list-style-type: none"> <li>Regular ambient air quality monitoring.</li> <li>Internal auditing of dust control measures.</li> </ul>	Low
Operational Efficiency Issues	Reduced visibility, increased equipment wear, and contamination of machinery due excessive dust.	Medium	<ul style="list-style-type: none"> <li>Routine road watering and dust suppression.</li> <li>Preventative maintenance of equipment.</li> <li>Monitoring and management of dust-prone areas.</li> </ul>	Low

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## 5. Environmental Management Strategies

This section outlines the management strategies and control measures implemented across Norton sites. The strategies aim to minimise dust emissions from Norton operations in order to protect the environment, maintain air quality and safeguard the health and safety of workers and nearby communities.

These dust control measures focus on:

- Reducing dust generation at source,
- Suppression and containing dust during operations,
- Monitoring and inspecting dust levels to ensure compliance, and
- Continually improving dust control practices through adaptive management.

A summary of the key management measures currently in place is provided in Table 5-1.

### 5.1. Mitigation

Mitigation strategies are a critical component of dust management, ensuring compliance with environmental regulations, protecting worker health, and minimising impacts on surrounding communities. By identifying potential dust sources and implementing targeted suppression measures, Norton significantly reduces airborne particulate matter and associated risks.

Key mitigation measures include:

- Water Carts – Regular application of water to haul roads, stockpiles, and exposed areas.
- Water Spraying – Sprays or sprinklers on conveyors and other machinery, to suppress dust generation
- Vegetation Cover – Establishment of native vegetation on disturbed areas to stabilise soil and reduce dust dispersion.
- Road Management – Maintenance and grading of unsealed roads, combined with enforcement of speed limits to reduce dust from vehicle movement.
- Enclosure of Activities – Enclosure of dust-generating processes or installation of dust collection systems where practical.
- Limitations During Windy Conditions – Suspension of dust-producing activities during high wind events to prevent excessive dust spread.

Implementing these strategies not only mitigates health risks to workers and nearby residents but also contributes to operational efficiency by reducing equipment wear. Additionally, adherence to these measures supports regulatory compliance, minimises the risk of project delays, and demonstrates Norton's commitment to environmental stewardship and sustainable mining practices. By integrating dust suppression into operational planning, Norton fosters safer work environments, protects local communities, and promotes long-term project sustainability.

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Water carts typically use hypersaline water for dust suppression via, and this hypersaline water can impact on vegetation. Dust suppression activities along roads should be monitored to ensure that surrounding native vegetation or topsoil stockpiles are not sprayed with hypersaline water. Spoon drains may also be placed along roads to intercept hypersaline water runoff generated via dust suppressions controls.

## **5.2. Monitoring**

Monitoring is a critical component of the DMP, providing ongoing assessment of dust levels and the effectiveness of implemented suppression methods. Regular monitoring allows Norton to identify when dust control measures require adjustment, ensuring compliance with air quality regulations and minimising health risks to workers and nearby communities.

Effective monitoring also supports data-driven decision-making, enabling optimisation of dust management strategies over time. Transparent monitoring practices reinforces stakeholder confidence by demonstrating proactive management of air quality impacts and commitment to regulatory obligations.

Key monitoring strategies employed by Norton include:

- Visual Monitoring – observation of visible dust generation to trigger timely implementation of mitigation measures, such as deploying water carts or adjusting operational activities.
- Air Quality Monitoring – Continuous or periodic monitoring of particulate matter concentrations at high-risk locations to ensure air quality remains within acceptable limits.
- Weather Monitoring – Analysis of meteorological data, including wind speed and direction, to inform operational adjustments and minimise dust dispersion during adverse conditions.
- Complaint Tracking – Recording and responding to dust-related complaints from local communities, providing feedback on mitigation effectiveness and demonstrating accountability.

By integrating these monitoring strategies, Norton ensures that dust suppression measures are effective, adaptive, and sustainable, contributing to the overall success of operations while protecting environmental and community values.

## **5.3. Inspections**

Inspections are an essential component of the DMP, ensuring that dust control measures are correctly implemented, maintained and effective. Regular inspections enable the early identification of issues such as equipment malfunctions, insufficient application of suppression methods, or changing site conditions that may elevate dust generation. Prompt corrective actions help maintain the effectiveness of dust controls and minimise potential health, safety, and environmental impacts.

Inspections also provide documented evidence of compliance with regulatory requirements, demonstrating that dust suppression strategies are actively monitored and managed. This proactive approach promotes accountability, supports

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continuous improvement, and strengthens community and stakeholder confidence in Norton's environmental management practices.

Inspection strategies adopted by Norton include:

- Daily Visual Inspection – Routine checks of operational areas to confirm that dust mitigation measures are in place and effective.
- Equipment Inspections – Regular maintenance and inspection of dust suppression equipment, including water trucks, sprinklers and dust collectors.
- Compliance Audits – Perform periodic audits to verify adherence to dust suppression procedures and environmental conditions.

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*Table 5-1: Summary of Management Measures*

Objective	Management Strategy	Monitoring	Frequency	KPIs
Minimise airborne dust	<ul style="list-style-type: none"> <li>Apply water spraying to haul roads, stockpiles, and exposed areas.</li> <li>Use chemical dust suppressants where appropriate</li> <li>Dust suppression sprays on conveyors and other applicable machinery.</li> <li>Suspend or limit dust-generating activities during high wind events</li> </ul>	<ul style="list-style-type: none"> <li>Air quality monitoring</li> <li>Weather monitoring</li> <li>Visual inspections</li> </ul>	Daily during operations	No excessive visible dust observations during site inspections
Ensure equipment functionality	<ul style="list-style-type: none"> <li>Undertake regular servicing and maintenance of dust suppression equipment (e.g., water carts, sprinklers, spray systems)</li> </ul>	<ul style="list-style-type: none"> <li>Equipment performance checks</li> </ul>	Weekly	≥95% of dust suppression equipment operational
Comply with regulations	<ul style="list-style-type: none"> <li>Adhere to statutory air quality standards and licence conditions</li> <li>Implement corrective actions where required.</li> </ul>	<ul style="list-style-type: none"> <li>Compliance audits</li> <li>Review of monitoring data</li> </ul>	Quarterly	Zero non-compliances
Increase community awareness	<ul style="list-style-type: none"> <li>Conduct community consultation and outreach programs</li> <li>Provide updates on dust management performance</li> </ul>	<ul style="list-style-type: none"> <li>Community feedback surveys</li> <li>Complaint register</li> </ul>	As required	High community satisfaction levels and no community complaints
Evaluate effectiveness	<ul style="list-style-type: none"> <li>Review performance of dust control measures</li> <li>Compare dust monitoring data against baseline conditions</li> </ul>	<ul style="list-style-type: none"> <li>Data analysis of dust levels</li> </ul>	Monthly	Demonstrated reduction in dust levels compared to pre-control implementation
Continuous improvement	<ul style="list-style-type: none"> <li>Review and refine dust management strategies based on monitoring outcomes, inspections, and stakeholder input</li> </ul>	<ul style="list-style-type: none"> <li>Strategy reviews</li> </ul>	Biannual	Number of improvements implemented in response to monitoring and feedback

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**6. Roles and Responsibilities**

All personnel within the organisation have defined roles, responsibilities and authorities relating to the safe management of dust management. These include responsibilities for implementing environmental controls, complying with regulatory obligations, and ensuring action plans and programs are effectively applied. Accountabilities are summarised in **Error! Not a valid bookmark self-reference..**

*Table 6-1: Key Accountabilities*

Role	Accountabilities
<i>Executive Team</i>	<ul style="list-style-type: none"> <li>• Accountability for the compliance of all operations and activities undertaken by Norton.</li> <li>• Commit to provide resources (including human resources, organisational infrastructure, technological and financial) essential to the implementation and control of the EMS.</li> <li>• Demonstrate effective leadership with respect to matters concerning environmental management and compliance.</li> </ul>
<i>Environmental Department</i>	<ul style="list-style-type: none"> <li>• Ultimate responsibility for the implementation of the Dust Management Plan.</li> <li>• Review and update the Dust Management Plan as required.</li> <li>• Maintain legal obligation registers.</li> <li>• Provide timely and accurate advice on all matters concerning dust management and environmental compliance.</li> <li>• Conduct environmental inspections and monitoring.</li> </ul>
<i>Department Managers</i>	<ul style="list-style-type: none"> <li>• Communicating relevant matters of the EMS to employees and others working on behalf of the organisation.</li> <li>• Accountability for environmental performance and compliance within their department.</li> <li>• Engage with the Environmental Department for advice and guidance when the need arises.</li> <li>• Demonstrate effective leadership with respect to matters concerning environmental management and compliance.</li> </ul>
<i>Employees and Contractors</i>	<ul style="list-style-type: none"> <li>• Actively identify environmental risks and hazards in the workplace and appropriately report them.</li> <li>• Adhere to the requirements of this document.</li> <li>• Undertake tasks and provide services in a manner that minimises harm to the environment.</li> <li>• Comply with the requirements of EMS, including the Dust Management Plan, as a minimum standard.</li> </ul>

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## 7. Reporting

Any occurrence where there is a deviation from management controls, practices, or performance indicators, represents a non-conformance.

It is a requirement of all personnel that any non-conformances, including environmental incidents, are reported via the online reporting portal and investigated in accordance with Norton's *Incident Reporting and Investigation Procedure*.

Norton recognises that certain incidents which have impacted, or have the potential to impact, the environment, or which result in a breach of licence or tenement conditions, may require reporting to external regulators. The Environmental Department is responsible for assessing incidents against statutory and licence requirements and ensuring all mandatory reports are submitted within the required timeframes.

Norton has developed an *Incident Response and Notification Procedure* to ensure timely and compliant reporting. Table 7-1 provides examples of events that may trigger external reporting.

*Table 7-1: Dust Events Triggering External Reporting*

Event	Trigger	Stakeholder
Dust emission exceedance set by permits and licences	Monitoring data reveals dust levels above the applicable threshold	Regulators <ul style="list-style-type: none"> <li>• EPA</li> <li>• DWER</li> <li>• DMPE</li> </ul>
Elevated dust levels leading to WHS Risk	Monitoring or worker complaint indicates a potential health hazard	<ul style="list-style-type: none"> <li>• WorkSafe</li> <li>• Health Authorities</li> </ul>
Dust from mining operations affecting nearby communities	Complaints received from local residents	<ul style="list-style-type: none"> <li>• Local communities</li> <li>• Local Government</li> </ul>
Significant dust events leading to visible dust clouds	Monitoring and/or complaints indicating widespread dust events.	<ul style="list-style-type: none"> <li>• Environmental NGOs</li> <li>• Local environmental protection bodies</li> <li>• Local communities</li> <li>• Local Governments</li> </ul>

## 8. Corrective Actions

The outcomes of audits, inspections, and internal reporting will determine the need for corrective actions. These actions may include revised training programs, updates to operational controls, and amendments to existing procedures and practices. Corrective actions will be applied on an as-needs basis, with the level of response proportionate to the significance of the issue and the potential or actual environmental impact.

The Environmental Department is responsible for coordinating and implementing corrective actions, communicating requirements to relevant personnel, and ensuring that all changes are reflected in the appropriate documentation, systems, and procedures. This process ensures that lessons learned are integrated into day-to-day

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operations, supporting continuous improvement in dust management and ongoing compliance with environmental and regulatory obligations.

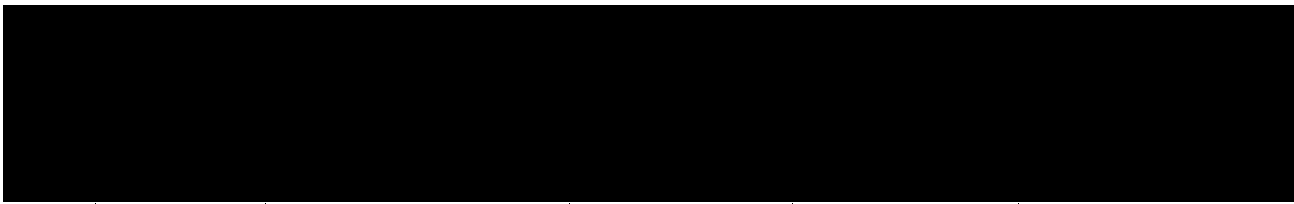
## **9. Review**

This management plan will be reviewed biennially or earlier if there are significant changes to project scope, regulatory requirements, or operational practices.

All revisions will be documented and controlled in accordance with Norton's *Document Control Procedure*.

The review process will ensure that the plan remains current, effective, and aligned with best practice by incorporating:

- New information or research outcomes,
- Updates to legislation, standards, or licence conditions,
- Advances in technology, methods, or management techniques,
- Lessons learned from incidents, audits, or industry developments.



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